RECON[SM] INVESTIGATION
DAYTON THERMAL PRODUCTS DIVISION
DAYTON, OHIO

ACUSTAR, INC.
CHRYSLER MOTORS CORPORATION

June 28, 1991

Revision 1.0

Prepared for:

ACUSTAR, INC.
1600 Webster Street
Dayton, Ohio 45404

Project 423023

JOHN MATHES & ASSOCIATES, INC.
East Park One Building
701 Rodi Road, Suite 101
Pittsburgh, Pennsylvania 15235-4559
(412) 824-0200

TABLE OF CONTENTS

		Page
1	INTRODUCTION	1
2	BACKGROUND INFORMATION	3
	2.1 Site History	3
	2.1.1 Reason for the New Building	4
	2.1.2 New Business Construction Schedule	4
	2.2 Hydrogeologic Setting	5
	2.3 On-Site Activities	5
3	SUMMARY OF PROCEDURES, INVESTIGATION RESULTS, AND LIMITS OF THE INVESTIGATION	8
	3.1 Procedures	8
	3.1.1 Probe Hole Advancement	8
	3.1.2 Soil Gas Sampling and Analysis	9
	3.1.3 Groundwater Sampling and Analysis	9
	3.1.4 Quality Assurance/Quality Control	11
	3.2 Results	12
	3.2.1 Building 40A and Building 40B	12
	3.2.1.1 Trichloroethene	13
	3.2.1.2 1,1,1-Trichloroethane	13
	3.2.1.3 Tetrachloroethene	13
	3.2.1.4 1,1-Dichloroethene	13
	3.2.1.5 cis-1,2-Dichloroethene	14
	3.2.1.6 trans-1,2-Dichloroethene	14
	3.2.2 Site-Wide Reconnaissance	14
	3.2.2.1 Trichloroethene	15
	3.2.2.2 1,1,1-Trichloroethane	15
	3.2.2.3 Tetrachloroethene	16
	3.2.2.4 1,1-Dichloroethene	17
	3.2.2.5 cis-1,2-Dichloroethene	17
	3.2.2.6 1,1,2-Trichloroethane	18
	3.2.2.7 trans-1,2-Dichloroethene	18
	3.2.2.8 1,1-Dichloroethane	18
	3.2.2.9 1,2-Dichloroethane	19
	3.3 Limitations of the Study	19
4	SURROUNDING PROPERTIES	21
5	CONCEPTUAL MODEL OF SUBSURFACE CONDITIONS	23
6	CONCLUSIONS	24
7	RECOMMENDATIONS	26
	7.1 Source Control	27
	7.1.2 Building 40B	27
	7.2 Subsurface Assessment and Cleanup	30

TABLE OF CONTENTS (Continued)

References

APPENDIX A - Figures

APPENDIX B - Tables

APPENDIX C - Environmental Audit Data Base Review for Zip Code Areas 45404 and 45414, Dayton, Ohio.

PLATES

1 Approximate Locations of Facilities with Potential Environmental Concerns Identified in the 45404 and 45414 Zip Codes, Dayton, Ohio

RECON INVESTIGATION
DAYTON THERMAL PRODUCTS DIVISION
DAYTON, OHIO

ACUSTAR, INC.
CHRYSLER MOTORS CORPORATION

1 INTRODUCTION

John Mathes & Associates, Inc., (Mathes) is conducting a site investigation at the Acustar, Inc., (Acustar) Dayton Thermal Products Division Plant located at 1600 Webster Street, Dayton, Ohio (Figure 1, Appendix A). This investigation is ongoing and has consisted of the following activities to date:

- review of work conducted by previous consultants (INTRON Laboratories and Miami Geological Services, Inc.);
- evaluation of soil conditions existing in the vicinity of structures removed as part of fast-track expansion and construction activities, including:
  - sewer lines;
  - miscellaneous underground process pipelines;
  - process sumps;
  - nonhazardous waste storage pad;
  - oil/water separator (removed);
  - trichloroethane (TCA) tank (removed);
  - flux mix room;
  - barrel storage area (new products); and
  - battery storage area.
- evaluation of soil conditions in areas to be excavated as part of the fast-track expansion and construction activities:
  - strip foundation area (outline of new portion of the building);
  - column pier locations; and
  - adjacent paved surfaces.
- evaluation of soil remaining in place in selected areas that may be excavated as part of the fast-track expansion and construction activities (the clay in the footprint of the new building and adjacent new pavement areas);

- evaluation of soils stockpiled on-site for disposal purposes;
- evaluation of concrete slabs in contact with soil;
- on-site remediation of soils excavated from the footprint of the new building identified as having low levels of total petroleum hydrocarbons (TPH), and selected VOCs (trichloroethene, 1,1,1-trichloroethane, tetrachloroethene, 1,1-dichloroethene, 1,1-dichloroethane, and total [cis- and trans-] 1,2-dichloroethene) ; and
- documentation of conditions.

During excavation of soil in the footprint of the new building, a small amount of oily material was observed seeping from the east foundation of Building 40B. The amount of impacted soil was estimated to be less than 100 cubic yards. The soil was sampled and analyzed. Results indicated that the likely source of the contaminant was the freon degreasing operation located immediately west of the wall of Building 40B. Soils affected by this oily material were excavated and subsequently incinerated. Confirmational testing in the footprint of the new building was conducted to evaluate the extent of contaminated soils that required excavation.

Mathes developed a soil gas sampling plan to evaluate the area within Building 40B that may have been affected by additional releases of solvents from past and ongoing plant operations. Subsequently, the investigation was expanded to include the area of the footprint of the new building and a site-wide reconnaissance evaluation.

Mathes conducted the soil gas and groundwater headspace gas investigation at the plant from April 2 through 21, 1991. One hundred sixty-seven soil gas samples, 28 groundwater headspace samples, and 17 duplicate samples were collected and analyzed using Mathes' RECON^{SM} soil gas van and equipment for the purpose of identifying and characterizing areas impacted by chlorinated solvents.

2 BACKGROUND INFORMATION

2.1 Site History

Acustar currently operates the Dayton Thermal Products P at 1600 Webster Street, Dayton, Ohio. A portion of this pl known as the Old Maxwell Complex, formerly consisted of seve buildings. The Old Maxwell Complex was recently demolished make space for a new building.

There is no definitive history of operations conducted the Old Maxwell Complex over the years. The followi information was compiled from old plant layouts, memorabilia, a recollections of retired and high seniority employees:

- Building 3 was built circa 1907;
- the majority of these buildings were built prior to 1920;
- Maxwell cars were assembled in Building 3;
- Chrysler bought the plant in 1936, furnaces and commercial air conditioning units were manufactured there;
- during World War II, the plant was used for manufacturing furnaces, gun parts, and bomb shackles for the U.S. Department of the Army;
- after World War II, furnace and commercial air conditioning units were fabricated (light machining, welding, soldering, spot welding, cleaning, painting, and assembly);
- in the early 1960s, aluminum and copper tube forming operations took place in the area, as well as engineering model shops and government work consisting of ammunition rack assembly and storage;
- due to the age and generally poor condition of the building, most production was moved out in the mid-1960s and 1970s and thereafter the building was increasingly used for storage; and
- by the late 1980s, the building had deteriorated and was declared to be off limits for plant personnel.

2.1.1 Reason for the New Building

Union and management personnel cooperated in signing a bargaining agreement that permits specifically designated new work to come to the Dayton plant under a more competitive wage scale. This agreement allows the plant to secure new work and provide additional employment opportunities in the Dayton area.

New work secured under this agreement is referred to as "Plant II." Both union and management personnel believe it is important to separate the new work facilities from the rest of the plant. The new Building 59 is designated as "Plant II."

Both the city of Dayton and the state of Ohio have recognized the importance of bringing new employment opportunities to this area. Both governments have participated financially as follows:

- the state of Ohio has funded the plant in the amount of $500,000 as a contribution to demolish the old structures that are being removed for the new building;
- the city of Dayton has granted a 10-year tax abatement on the new building and equipment.

2.1.2 New Business Construction Schedule

The Dayton plant has been successful in obtaining four new contracts for production in Building 59. Equipment for these new contracts will start arriving in September 1991. The new building schedule has been extremely tight, and this investigation and remediation to date have not impeded progress. Foundation work for the new building was completed on February 7, 1991, and structural steel arrived for erection on February 19, 1991. A contract has been let for the General Contractor as a fast-track construction job with August 30, 1991, as the completion target date. This date is critical because new equipment for the building will start arriving in September 1991.

2.2 Hydrogeologic Setting

The hydrogeologic setting of the area consists of two to four feet of disturbed native soil (clay) underlain by very thick and continuous calcareous sand and gravel deposits. The highly permeable sands and gravel fill a preglacial valley eroded into the underlying bedrock. According to the Groundwater Resources Map of Montgomery County (Schmidt, 1986), the Acustar facility overlies a portion of the Great Miami River aquifer that can potentially yield in excess of 1,000 gallons per minute of water to a properly constructed well. The Great Miami River aquifer is a designated sole source aquifer. The Acustar site is not included in the city of Dayton's Well Field Protection Overlay District or One Year Capture Boundary. A literature review (Spieker, 1968 and Norris and Spieker, 1966) indicates groundwater flow in the vicinity of the plant is to the south with a gradient of about 5-10 feet per mile. Groundwater levels may fluctuate 5-15 feet per year, generally rising in the winter and spring and falling in the summer and fall. The glacial outwash may be separated into several distinct hydrogeological units by thin (2-15 feet thick) layers or lenses of till (clay) in the immediate vicinity of the plant.

2.3 On-Site Activities

Air and soil monitoring was scheduled as part of the demolition process. Lockwood, Jones and Beals, Inc., Kettering, Ohio, is the architectural firm in charge of construction of the new building. They initially contracted INTRON Laboratories, (INTRON) Kettering, Ohio, to conduct air monitoring for asbestos. INTRON was later asked to monitor the soil uncovered during the

demolition process. INTRON subsequently retained Miami Geological Services, Inc., to collect soil samples at the demolition site and provide ongoing soil monitoring as additional soil was exposed.

Mathes began site activities on November 16, 1990. A Sampling and Analysis Plan was prepared to address all phases of field activities including:

- evaluation of soil conditions existing in the vicinity of structures removed as part of fast-track expansion and construction activities, including:
  - sewer lines;
  - miscellaneous underground process pipelines;
  - process sumps;
  - nonhazardous waste storage pad;
  - oil/water separator (removed);
  - trichloroethane (TCA) tank (removed);
  - flux mix room;
  - barrel storage area (new products); and
  - battery storage area.
- evaluation of soil conditions in areas to be excavated as part of the ongoing fast-track expansion construction activities:
  - strip foundation area (outline of new portion of the building);
  - column pier locations; and
  - adjacent paved surfaces.
- evaluation of soil remaining in place in selected areas that may be excavated as part of the fast-track expansion and construction activities (the clay in the footprint of the new building and adjacent new pavement areas);
- evaluation of soils stockpiled on site for disposal purposes;
- evaluation of slabs of concrete in contact with soil;
- procedures to be used to evaluate structures (such as sewer and process lines, sumps, etc.) for disposal;

- procedures for sampling and analysis of various types of materials; and
- documentation of conditions.

During excavation of soil in the footprint of the new building, a small amount of oily material was observed seeping from the foundation of Building 40B. The material was sampled and analyzed. Results indicated the likely source of material was the freon degreasing operation located immediately west of the wall of Building 40B. Soil affected by this oily material was excavated and subsequently incinerated. Confirmational testing was conducted to evaluate the extent of contaminated soils that required excavation.

Mathes developed a soil gas sampling plan to evaluate the area within Building 40B. Subsequently, the investigation was expanded to include the area of the footprint of the new building and a site-wide reconnaissance evaluation.

Mathes conducted the soil gas and groundwater headspace gas investigation at the Dayton plant from April 2 through 21, 1991. One hundred sixty-seven soil gas samples, 28 groundwater headspace samples, and 17 duplicate samples (nine soil gas and eight groundwater headspace) were collected and analyzed using Mathes' RECON soil gas van and equipment. The purpose was to identify and characterize areas impacted by chlorinated solvents. In addition, 23 groundwater samples were collected using the RECON System and submitted for volatile organic compound (VOC) analysis by the U. S. Environmental Protection Agency's (USEPA's) Test Methods for Evaluating Solid Waste, SW-846 Method 8240, Third Edition.

3 SUMMARY OF PROCEDURES, INVESTIGATION RESULTS, AND LIMITS OF THE INVESTIGATION

3.1 Procedures

3.1.1 Probe Hole Advancement

Where access was available to the RECON van, a hydraulic probe unit was used to drive and withdraw the soil gas sampling probes. A hydraulic hammer was used where necessary to assist in driving probes through concrete and asphalt, unusually hard soil, and gravelly material. A manual hammer was used in areas within the Dayton plant where access was limited by process equipment. The probes consisted of three-foot lengths of 0.75-inch-diameter, threaded steel pipes with detachable drive points.

Soil gas and groundwater samples were collected by driving the probes to depths ranging from 1-31 feet below the ground surface. In the area of Buildings 40A and 40B, soil gas samples were generally collected at 0-1, 3-4, and 6-7 feet below the floor of the building. In three areas of Buildings 40A and 40B (G-1, G-10, and J-7), soil gas samples were collected at 8-10 and 19-20 feet below the floor, and groundwater samples were collected at 24-25 feet below the floor. Outside the building, soil gas samples were generally collected at 9-10 and 19-20 feet below the surface, and groundwater samples were collected at 24-25 feet below the surface. Additional groundwater samples were collected at 30-31 feet below the surface at four other locations (PH-04, PL-24, LW-1, and LW-3). Sampling depths are listed in Table 1 (Appendix B).

3.1.2 Soil Gas Sampling and Analysis

Once the probe was driven to the desired depth, the probe was withdrawn approximately one foot to create an annular space from which to collect a representative sample of soil gas. The aboveground ends of the probes were fitted with a nipple cap and a length of Tygon tubing leading to a gas collection bulb fitted with Teflon stopcocks at both ends. A separate piece of Tygon tubing was then connected to the opposite end of the sampling bulb and connected to a vacuum pump. One to five liters of air was evacuated from the sample train using the vacuum pump. The sample was then collected in the bulb and both stopcocks were closed simultaneously.

A Hewlett-Packard Model 5890As Series 2 gas chromatograph was used to analyze soil gas samples. Compound separation and detection were performed using a 30-meter, wide-bore DB-624 volatile organics column and a flame-ionization detector.

Each soil gas sample was injected directly into the gas chromatograph. The analysis was performed isothermally at 75°C with a total analysis time of eight minutes.

Concentration measurements were performed using an external standard calibration. Known concentrations of 1,1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene in a calibration gas mixture were injected into the gas chromatograph. Compound peak area versus standard concentration was used to calculate compound concentration in the sample.

3.1.3 Groundwater Sampling and Analysis

Twenty-eight groundwater samples were collected from locations at depths 24-31 feet below ground surface as shown in Figure 17 (Appendix A) and subjected to headspace analysis. A

depth of 24-25 feet below the surface is presumed to correspond with the upper portion of the water table. Eight duplicate groundwater headspace samples were collected and analyzed.

The RECON van's hydraulic probe also was used to drive and withdraw the groundwater sampling probes. The probes consisted of three-foot lengths of 0.75-inch-diameter, threaded steel pipes with detachable drive points. After the probe was inserted into the groundwater (at depths greater than about 24 feet below the surface), the probe was withdrawn approximately 1 foot to create an annular space from which to collect a representative sample. A section of polyethylene tubing was inserted through the probe into the groundwater. The aboveground end of the tubing was connected to a vacuum pump. A vacuum was pulled until water reached the vacuum pump. The pump was then turned off, the tubing was disconnected from the pump, and a portion of the water in the tubing was drained into a 40 milliliter (ml) glass volatile organic analysis (VOA) vial until it was about one-half full. The vial was sealed with a Teflon-lined septum screw cap and was given to the gas chromatograph technician for on-site analysis.

The headspace above groundwater samples was analyzed for 1,1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene by USEPA SW-846 Method 8015. The samples were analyzed in the field using a Hewlett-Packard Model 5890-A Series 2 gas chromatograph located inside the soil gas van.

Each sample vial was shaken for one to two minutes to equilibrate the volatile components between the liquid and the air in the vial. The sample was then allowed to rest for one minute. An aliquot of up to 200 micrograms of the headspace was collected by inserting a syringe through the septum of the vial and pulling the headspace sample into the syringe. The sample was then injected into the gas chromatograph. The analysis was performed isothermally at 75°C for a total analysis time of 8 minutes.

3.1.4 Quality Assurance/Quality Control

Quality assurance/quality control (QA/QC) is an essential part of an analytical test methodology. It is used to increase the confidence in the analytical results and to evaluate the reproducibility of the data.

For this investigation, the detection limits for the chlorinated volatile organic analyses were established as 1 microgram per liter (ug/L). The detection limit is the lowest concentration of a compound that can be practicably measured relative to the calibration standard. Detection limits are a function of the injection volume as well as detector sensitivity. The detection limit is calculated from the current response factor, the sample size, and the estimated peak area that would have been detected under the given conditions.

The gas chromatograph was calibrated using a known concentration of each of the six compounds of interest at the beginning of the day, before analysis of any samples, and once about mid-day. The USEPA recommends instrument calibration to be performed at least once every 12 hours. The calibration helps to evaluate the operating conditions of the gas chromatograph.

Concentration measurements were performed using an external standard calibration. Known concentrations of 1,1-dichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene in a calibration gas mixture were injected into the gas chromatograph. Compound peak area versus standard concentration was used to calculate sample concentration.

An ambient air sample is analyzed as a means of indicating that sample carry-over has not occurred. If sample carry-over has occurred, the concentration detected in the ambient air blank can be subtracted from any of the subsequent samples containing that compound.

A duplicate sample, which is a second volume of air collected from the same sample location, is analyzed once every 20 samples, or at least once daily for each investigation.

Seventeen duplicate samples were collected (nine at soil gas sample locations, and eight at groundwater headspace analysis locations) for this survey. Duplicates are used to evaluate the reproducibility of the analytical data. The analytical results for duplicate samples collected at locations selected were similar.

3.2 Results

A complete listing of analytical results is presented in Table 1 (Appendix B). Analytical results are discussed below for the area investigated in Buildings 40A and 40B and site-wide reconnaissance. The data are discussed below by location and compound.

In general, the presence of various chlorinated compounds in soil gas and groundwater headspace was ubiquitous.

3.2.1 Building 40A and Building 40B

3.2.1.1 Trichloroethene
(Figures 2, 3, and 4, Appendix A)

Trichloroethene was detected in the eastern portion of the building (bays K, J, and I). Concentrations were generally highest near the freon degreasing operation (bay K-5) and bays K-8, J-4, J-6, I-5, and I-6. With the exception of an elevated level of trichloroethene in samples from bay G-8, the extent of elevated levels of trichloroethene from this area appears to be limited to the eastern portion of Buildings 40A and 40B.

3.2.1.2 1,1,1-Trichloroethane
(Figures 5, 6, and 7, Appendix A)

1,1,1-Trichloroethane was detected in the eastern portion of the building (bays G, H, I, J, and K). Concentrations were generally highest near the 1,1,1-trichloroethane degreasing operation in bay H-12, the freon degreasing operation in bay K-5, and bays K-8, J-4, J-6, I-5, I-6, and I-7. With the exception of an elevated level of 1,1,1-trichloroethane in samples from bay G-12, the extent of elevated levels of 1,1,1-trichloroethane from this area appears to be limited to the eastern portion of Buildings 40A and 40B.

3.2.1.3 Tetrachloroethene
(Figures 8, 9, and 10, Appendix A)

Tetrachloroethene was detected in the central portion of the building (bays I-3 to I-6). Concentrations were generally highest near bays I-5, I-6, and J-6 with elevated levels also being observed in the areas of bays I-3, I-4, and G-1 and G-8. With the exception of an elevated level of tetrachloroethene in samples from bay G-12, the extent of elevated levels of tetrachloroethene from this area appears to be limited to the eastern portion of Buildings 40A and 40B.

3.2.1.4 1,1-Dichloroethene
(Figures 11, 12, and 13, Appendix A)

1,1-Dichloroethene was detected in the eastern portion of the building (bays K, J, I, H and G). Concentrations were generally highest near the freon degreasing operation along the eastern wall of Building 40A (bays K-5, K-4, and K-3) and bays K-6, K-7, K-8, J-4, J-6, I-4, I-5, I-6, I-7, I-8, H-12, and G-8 and G-12. The extent of this compound has not been defined

laterally to the west and may extend into the western portion of Building 40 (especially at depths greater than about 3-4 feet below the floor of the plant).

The identification of the contaminant as 1,1-dichloroethene is tentative, due to instrumentation limitations. It is possible that freon compounds are contributing to the high readings due to possible elution from the gas chromatograph at identical time period as that exhibited by 1,1-dichloroethene in the calibration standard.

3.2.1.5 cis-1,2-Dichloroethene
(Figures 14, 15, and 16, Appendix A)

Cis-1,2-dichloroethene was detected in the eastern portion of the building (bays K, J, and I). Concentrations were generally highest near bays J-6 and I-6. Similar concentrations were observed near the freon degreasing operation (bays K-2, K-3, K-4, and K-5) and bays K-1, K-8, K-9, J-3, J-4, I-3, I-4, and I-5. With the exception of bay G-8, higher levels of cis-1,2-dichloroethene appear to be limited to the eastern portion of Buildings 40A and 40B.

3.2.1.6 trans-1,2-Dichloroethene

The compound was not detected in samples from the area investigated in Buildings 40A & 40B.

3.2.2 Site-Wide Reconnaissance

Twenty-two probe holes were advanced and soil gas samples were generally taken at depths of about 8-10 feet and 19-20 feet below the surface. Sampling locations and designations are indicated on Figure 17 (Appendix A). Analytical results are

detailed on Table 1 (Appendix B). Groundwater was generally collected at 24-25 feet below the ground surface at these locations and a headspace analysis was performed. At three selected locations outside the buildings (PL-24, LW-1, and PH-04), groundwater was collected at both 24-25 feet and 29-30 feet below the ground surface.

3.2.2.1 Trichloroethene
(Figures 18, 19, 20, and 21, Appendix A)

The highest concentrations of trichloroethene detected in soil gas and groundwater headspace were observed in areas of Building 40A, Building 40B, and Building 59 (new building - Plant II). Elevated readings were also observed in the storage area east of Building 50, and in the storage area south of Building 40B.

Groundwater samples (Table 2, Appendix B and Figure 21, Appendix A) had the highest levels of trichloroethene in the area south of Building 53, Building 40A, Building 40B, Building 59, along the eastern edge of the property, and along the southern edge of the property. Trichloroethene levels were more than two orders of magnitude above the federally mandated maximum contaminant level (MCL) of 5 micrograms per liter (ug/L). Groundwater samples collected at 30-31 feet below the surface indicated similar levels of trichloroethene, except for location LW-3, which indicated an increase from 400 ug/L to 2,000 ug/L.

3.2.2.2 1,1,1-Trichloroethane
(Figures 22, 23, 24, and 25, Appendix A)

The highest concentrations of 1,1,1-trichloroethane detected in soil gas and groundwater headspace were observed in areas south of Building 53 (adjacent to the 1,1,1-trichloroethane

tanks), Building 40A, Building 40B, and the western portion of Building 59. Elevated readings were also observed in the storage area east of Building 50 and along the northeastern edge of the property.

Groundwater samples (Table 2, Appendix B and Figure 25, Appendix A) were observed to have elevated levels of 1,1,1-trichloroethane in the area south of Building 53 (near the 1,1,1-trichloroethane tanks), Building 40A, Building 40B, the western portion of Plant II, along the eastern edge of the property, and along the southern edge of the property. Levels of 1,1,1-trichloroethane observed in some samples were greater than the MCL of 200 ug/L. Groundwater samples collected at 30-31 feet below the surface indicated similar levels.

3.2.2.3 Tetrachloroethene
(Figures 26, 27, 28, and 29, Appendix A)

The highest concentrations of tetrachloroethene detected in soil gas and groundwater headspace were observed in areas south of Building 53 (adjacent to the 1,1,1-trichloroethane tanks), Building 40A, and Building 40B. Similar readings were also observed in the storage area east of Building 50 and along the northeastern edge of the property.

Groundwater samples (Table 2, Appendix B and Figure 29, Appendix A) were found to have elevated levels of tetrachloroethene in areas south of Building 53 (near the 1,1,1-trichloroethane tanks), Building 40A, Building 40B, in the storage area east of Building 50, and along the eastern edge of the property. Groundwater samples collected at 30-31 feet below the surface indicated similar levels of tetrachloroethene. Several samples had levels two orders of magnitude higher than the MCL of 5 ug/L.

3.2.2.4 1,1-Dichloroethene
(Figures 30, 31, 32, and 33, Appendix A)

The highest concentrations of 1,1-dichloroethene detected in soil gas and groundwater headspace were observed in areas south of Building 53 (adjacent to the 1,1,1-trichloroethane tanks), Building 40A, Building 40B, and the western portion of Building 59.

Groundwater samples (Table 2, Appendix B and Figure 33, Appendix A) were found to have elevated levels of 1,1-dichloroethene in the area south of Building 53 (near the 1,1,1-trichloroethane tanks) and in the western portion of Building 59. Some of the samples had levels nearly two orders of magnitude greater than the MCL of 5 ug/L. Groundwater samples collected at 30-31 feet below the surface indicated similar levels of 1,1-dichloroethene. It should be noted that concentrations of 1,1-dichloroethene observed by the laboratory were not indicative of levels observed by the RECON System. This may indicate that freon compounds may be eluting from the gas chromatograph in the RECON System at the same time as the 1,1-dichloroethene standard. The only freon compound analyzed (trichlorofluoromethane) was not observed at the detection limit of 5 ug/L.

3.2.2.5 cis-1,2-Dichloroethene
(Figures 34, 35, and 36, Appendix A)

The highest concentrations of cis-1,2-dichloroethene were detected in soil gas and groundwater headspace samples from areas of Building 40A, Building 40B, the western portion of Building 59, south of Building 53 (adjacent to the 1,1,1-trichloroethane tanks), and the storage area east of Building 50.

Groundwater samples (Table 2, Appendix B) were observed not to have levels of cis-1,2-dichloroethene above the detection limit of 5 ug/L.

3.2.2.6 1,1,2-Trichloroethane
(Figure 37, Appendix A)

Groundwater samples (Table 2, Appendix B and Figure 37, Appendix A) had elevated levels of 1,1,2-trichloroethane in areas of Building 59, south of Building 53 (adjacent to the 1,1,1-trichloroethane tanks), and in the southeast corner of the property. All levels were below 20 ug/L; however, the MCL for 1,1,2-trichloroethane is 5 ug/L.

3.2.2.7 trans-1,2-Dichloroethene
(Figure 38, Appendix A)

Groundwater samples (Table 2, Appendix B and Figure 38, Appendix A) had elevated levels of trans-1,2-dichloroethene only in the western portion of the area of Building 59. This compound was not detected at the method detection limit of 5 ug/L for all other areas sampled. The MCL for trans-1,2-dichloroethene is 100 ug/L.

3.2.2.8 1,1-Dichloroethane
(Figure 39, Appendix A)

Groundwater samples (Table 2, Appendix B and Figure 39, Appendix A) had elevated levels of 1,1-dichloroethene in areas of Building 59, south of Building 53 (adjacent to the 1,1,1-trichloroethane tanks), the storage area east of Building 50, and along the southern boundary of the property. This compound was not detected at the method detection limit of 5 ug/L for all other areas sampled. No MCL has been established for 1,1-dichloroethane.

3.2.2.9 1,2-Dichloroethane
(Figure 40, Appendix A)

Groundwater samples (Table 2, Appendix B and Figure 40, Appendix A) had elevated levels of 1,2-dichloroethene in areas of the western portion of Building 59 and south of Building 53 (adjacent to the 1,1,1-trichloroethane tanks). It was not detected at the method detection limit of 5 ug/L for all other areas sampled. The MCL for 1,2-dichloroethane is 5 ug/L.

3.3 Limitations of the Investigation

The RECON investigation is a qualitative investigation tool and as such is a relative indicator of concentrations of targeted compounds in the media evaluated. Results of this procedure may be influenced by some of the factors discussed below.

A shallow water table increases the likelihood of the soil gas vapor sample mixing with air and being diluted, thereby making it difficult to collect a reliable and representative sample. Thick, dense clays or very deep groundwater tables tend to decrease concentrations of soil gas and alter relative concentrations. Biodegradation can change both the concentrations and the composition of the soil gas samples from that of the material present originally. Portions of the area investigated may have distorted results due to hydrologic and geologic anomalies such as soils with low permeabilities, perched water, or subsurface obstructions. Meteorological conditions, such as barometric pressure and humidity, and soil conditions, such as moisture, soil temperature, and soil gas temperature, may increase or decrease the magnitude of survey results depending on the combination of the variables. Lateral migration is also a common phenomenon. This migration may be caused by soils with low permeability or by such man-made occurrences, such as relief or recovery wells, basements, paved areas, utility trenches, and

areas backfilled with gravel. Due to these wide ranges of variables associated with a soil gas survey, the results should be considered qualitative.

Groundwater samples collected using the RECON System are subjected to a vacuum to draw the sample to the surface. Although the actual sample recovered from the tubing is retrieved from the bottom of the tubing, it is not collected using standard USEPA protocol. As such, it should be considered a minimum value and be used to compare relative concentrations among samples collected. Samples collected from monitoring wells in adjacent locations monitoring the same area of the aquifer, following standard USEPA protocol, could yield different values.

4 SURROUNDING PROPERTIES

A survey of USEPA and Ohio Environmental Protection Agency (OEPA) data bases (as of 1991) was completed for the following zip code areas: 45404 in which the plant is located, and the adjacent area 45414. The survey was conducted by Environmental Audits. Identified sites are listed in Appendix C. Their locations are plotted on Plate 1. The Acustar site is not included in the printout of FINDS and Resource Conservation and Recovery Act (RCRA) sites due to the search strategy used.

Below is a brief summary, which indicates:

- no sites on the National Priorities (Superfund) List (NPL). This data base lists sites known to be uncontrolled or abandoned waste sites identified for priority remedial actions under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 Program;
- 145 sites in the Facility Index System (FINDS), which consists of any property or site that the USEPA has investigated, reviewed, or been made aware of in connection with any of its regulatory programs;
- eight sites on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List, which is a compilation by the USEPA of sites that it has investigated or is currently investigating a release or threatened release of hazardous substances pursuant to CERCLA;
- 141 sites in the RCRA Program, which identifies and tracks hazardous waste from the point of generation to the point of disposal. This data base is a compilation by the USEPA of reporting facilities that generate, store, transport, treat, or dispose of hazardous waste;
- one site was present in the OPEN DUMP inventory of facilities that do not comply with the USEPA's criteria for classification of Solid Waste Disposal Facilities and Practices; and,

- eight sites were present in the Emergency Response Notification System (ERNS), which is a national data base used to collect information on reported releases of oil and hazardous substances. The data base contains information from spill reports made to federal agencies including the USEPA, the U.S. Coast Guard, the National Response Center, and the Department of Transportation.

5 CONCEPTUAL SUBSURFACE MODEL

A conceptual subsurface model was developed based on published information of regional characteristics of aquifers in the vicinity of the plant and the Building 50 water supply well boring log. This model is presented in Figure 41 (Appendix A).

Based on the results of this investigation, chlorinated VOCs are present in the water table aquifer (5-55 feet below the surface). Based on tests performed on split water samples from each of the two plant wells by both Acustar and the state in November 1989, low levels of chlorinated VOCs were detected in the 89-foot well located in the Power House but not in the 136-foot well located in Building 40. This indicates that chlorinated VOCs are present in the first semi-confined aquifer (60-80 feet below the surface); however, the second semi-confined aquifer (100-128 feet below the surface) apparently has not been impacted. The lateral extent or the continuity of the clay (confining) layers in the vicinity of the plant is not known.

Based on published information (Norris, et. al., 1966; Schmidt, 1986; and Spieker, 1968), groundwater flow beneath the plant is toward the south with a gradient of about 5-10 feet per mile. Water levels may fluctuate as much as 5-15 feet per year, generally rising in the winter and spring and falling in the summer and fall. The aquifer beneath the plant is a prolific aquifer used as a drinking water source for the city of Dayton. However, the Dayton Waterworks intake is located about 4 miles northeast (upgradient) of the plant.

Water is generally hard (calcium bicarbonate type) with total dissolved solids of about 400 to 450 milligrams per liter (mg/L). Wells in the water table generally yield about 200 gallons per minute (gpm). The water table aquifer has a specific capacity of about 25 to 50 gpm/foot of drawdown. Wells in the deeper semi-confined zones can yield up to 3,000 gpm, and have specific capacities of up to 120 gpm/foot of drawdown.

6 CONCLUSIONS

The following is a summary of conclusions based on the data presented in this report:

- chlorinated solvents have been released over a period of time up to the present and apparently from several sources;
- chlorinated solvents have been found in sediments under the cement floor in Buildings 40A and 40B in the following areas:
  - bay K-8;
  - bays K-3, K-4, and K-5 (current location of the freon degreasing operation);
  - bays H-12 (present location of the 1,1,1-trichloroethane degreasing operation) and G-12;
  - bay G-8;
  - the central portion of Building 40B in bays J-4, J-6, I-4, I-5, and I-6.
- the above areas will probably continue as sources of groundwater contamination until they are removed or isolated;
- several other areas were identified that contain concentrations of chlorinated VOCs that may indicate potential sources of groundwater contamination. They are:
  - the southwestern portion of Building 59;
  - Building 40A and Building 40B;
  - the area south of Building 53 (adjacent the 1,1,1-trichloroethane tanks); and
  - the storage area east of Building 50.

Assuming groundwater flows from north to south in the area of the plant according to published data in the Dayton area, the following may be inferred:

- upgradient sources do not appear to have significantly impacted the 5-55 foot aquifer on the plant property;
- information from the environmental audit did not identify any obvious, potential sources of chlorinated VOCs upgradient from the plant;

- chlorinated VOCs detected in water samples from the upper aquifer near the plant's southern boundary indicate potential for off-site movement of contamination downgradient of the plant.

7 RECOMMENDATIONS

Based on the information assembled during this investigation and presented in this report, the following additional work is recommended:

- prevent identified potential sources of contamination from contributing additional contamination to the aquifer;
- characterize subsurface conditions at the plant site using established USEPA protocols; and
- evaluate risks associated with potential for continued releases of chlorinated VOCs from the facility to the soils and aquifer immediately below the facility.

Current data suggests subsurface contamination originates from both specific and non-point sources. VOCs have been detected in both the vadose zone and groundwater.

The purpose of the first recommendation is to mitigate or eliminate identified potential sources of additional contamination to the aquifer. A brief outline of the work scope recommended to accomplish this task is presented in Section 7.1 below.

The purpose of the second and third recommendations is to complete the assessment of subsurface conditions, and, if appropriate, initiate a cost-effective cleanup. The objectives of this additional work are to:

- characterize the nature and extent of risks posed by releases of VOCs from the facility;
- evaluate potential remedial options; and
- select the most cost-effective alternative(s).

A brief outline of the work scope required to accomplish this task is presented in Section 7.2 below.

7.1 Source Control

7.1.1 1,1,1-Trichloroethane Tanks South of Building 53

The 1,1,1-trichloroethane tanks currently in operation south of Building 53 are an apparent source of contamination to the subsurface. Current management practices should be reviewed, and practices that allow release of chlorinated solvents to the environment should be discontinued. The tanks, associated piping, and containment system should be inspected and evaluated for integrity. Corrective maintenance, if required, should be implemented immediately. If the tanks, piping, and containment system cannot be evaluated as intact, the system should be removed from service.

7.1.2 Building 40B

Sediments beneath the concrete floor of Building 40B contain chlorinated solvents and will serve as a continuing source of contamination to the underlying aquifer. This source of contamination should be isolated from contributing additional contamination to the aquifer. VOCs beneath the concrete floor should be remediated to reduce future possibility of additional contributions of contamination.

Building 40B is an active manufacturing facility with extensive machinery and equipment within the building. The building is approximately 180 feet wide by 360 feet long. Excavating the soil or extensive work within the building to remediate the soil would appear to be impractical from a cost and an operations standpoint. Mathes is therefore recommending installation of a soil venting system beneath the building that would be installed by shallow horizontal borings from the exterior of the building. This type of system will have the potential to reduce the movement of free product downward to groundwater or laterally outside the building limits and reduce

the levels of VOCs in the soils. This system also offers the advantage of requiring only limited work to be performed inside the building.

While the recommended system will be constructed primarily to mitigate continued contamination of the underlying aquifer, an unknown level of remediation of contaminated soil will be accomplished by the soil venting system. Mathes considers certain techniques in the application of this technology proprietary and requests that Acustar consider this recommendation as confidential. Only after several months of operation will we be able to evaluate the duration required for soil remediation.

The proposed scope of work for this phase of source control is described below.

1. Construct Soil Venting System Below Building 40B - Install, on approximately 40-foot centers, perforated steel casing pipes containing a geotextile-wrapped slotted high-density polyethylene (HDPE) soil venting pipe. Figure 42 indicates the proposed location of the soil venting pipes. Four pipes will be case-bored from outside the north wall of the building, and four pipes will be case-bored from the south wall of the building, and each will extend approximately 180 feet to the center of the building. The piping will be installed as shallow as existing utilities will allow (Figure 43). The depth will be determined by investigation of known utilities exiting Building 40B, but is expected to be in the range of 5-8 feet below the top of the concrete floor of the building.

   The pits for installation of the casing pipes will be approximately 15 feet wide and 35 feet long. Pavement will be sawcut at the limits of the pits in paved areas. The excavated material will be stockpiled adjacent the excavation for use as backfill. Excavated material that appears to be contaminated, based on visual observations and field instrument readings, will be stockpiled on and covered with polyethylene sheeting. A sample will be collected from the stockpiled soil and analyzed for VOCs to evaluate if the soil is suitable for use as backfill. If contaminated, the material should be tested, evaluated, and handled appropriately.

2. Construct Inlet Venting System Inside Building 40B - Based on existing manufacturing use and selected jointly with Acustar, holes will be core-drilled through the concrete

floor to allow air-flow through the soil beneath the floor at production-isolated areas. Polyvinyl chloride (PVC) piping will be installed and sealed within these holes and will be extended through the building roof. It is assumed that the piping can be extended through the roof and scaled with a rubber boot without creating leaks. The piping should be protected so that rain water will not enter the soil. It is assumed that 24 one-inch diameter vent pipes will be installed.

3. Install Soil Venting Blower Systems - A sealing device (cap) will be installed over the end of each steel casing pipe. The soil venting pipe will pass through this cap and be extended to the surface for connection to a 350 cubic feet per minute vacuum blower. The blower will be skid mounted and driven by an electric motor and will contain provisions for off-gas sampling.

4. Installation of Piezometers - Install five piezometers/manometers to evaluate the volume of influence of the blower selected.

5. Operate and Evaluate Initial Soil Venting System - Install and operate an initial soil venting system consisting of one 180-foot run of extraction piping, six inlet vents, five piezometers, and one vacuum blower to evaluate the most cost-effective spacing of the extraction piping. The initial system will be installed from the north end of Building 40B, approximately 20 feet from the west side of the building. This initial system will also serve as one of the eight final soil venting systems. To expedite the installation of the complete soil venting system and to complete construction in one mobilization, Mathes recommends to continue with installation of the remainder of the extraction pipes during operation of the initial system. The order of installation of the extraction pipes will be scheduled to first complete the piping near the west and east sides of the building to allow adjustment of the intermediate piping spacing based on the evaluation of the initial system operation. Authorization for initial operation of the soil venting system will be requested from the Ohio Air Pollution Control Agency prior to startup of the system. Mathes will perform initial startup of the soil venting system after construction and operate and monitor the system. During this four-day operation, monitoring will be performed to evaluate the most cost-effective spacing of the soil venting pipes.

6. Sampling and Analysis - During the initial four-day operation of the soil venting system, off-gas samples will be collected from the sample port on the vacuum blower. One initial sample will be submitted for laboratory analysis for VOCs. These results will be utilized to identify permitting

requirements with the state of Ohio Air Pollution Control Agency and to evaluate the method required for treatment of the off-gas, if required.

7.2 Subsurface Assessment and Cleanup

Additional data is required to design and implement the most cost-effective method(s) to remediate subsurface contamination. Data required includes site-specific information concerning:

- lateral and vertical extent of sediments to delineate both aquifer and semi-confining layer boundaries;
- aquifer, vadose zone, and semi-confining layer properties to evaluate air flow (to design venting systems), groundwater flow (to design groundwater remediation systems), and ability of the semi-confining layer to influence contaminant transport; and
- groundwater flow (direction and velocity) in the water table aquifer and first semi-confined aquifer.

These data are required to evaluate and predict subsurface movement of contaminants. Evaluation of transport mechanisms (vapor phase; dense, non-aqueous phase liquid; dissolved phase in groundwater, etc.) requires knowledge of subsurface conditions. Contaminant transport information is required to identify potential on-site and off-site sources of contamination.

The initial phase of subsurface characterization should consist of the following field activities:

- advance six boreholes to about 100 feet (through base of first "confined" saturated zone) with construction of monitoring wells (screened intervals to be determined) (Figure 44);
- based on the results of the six boreholes, evaluate the need for additional information (Additional deep boreholes may be required if subsurface conditions are complicated and the conceptual model cannot be fully developed.);

- advance a minimum of six additional wells monitoring various levels of the water table (unconfined saturated zone);

- evaluate subsurface conditions in the soil (sediments) in areas identified as having elevated levels of chlorinated solvents - evaluation to include:

  - VOCs
  - grain size distribution
  - response testing (venting tests to measure gas conductivity) in areas to be evaluated for remediation (area south of building 53 near the 1,1,1-trichloroethane tanks and storage area east of Building 50) - tests will require additional boreholes with installed manometers; and

- evaluate groundwater conditions and parameters in areas identified as having elevated levels of chlorinated solvents - evaluation to include:

  - VOCs (additional parameters for air stripping)
  - measure water levels (unconfined) and piezometric surface (confined)
  - flow direction and velocities
  - response testing (pumping test to measure hydraulic conductivity) in areas to be evaluated for remediation (areas along the southern portion of the property, Building 40B, area south of building 53 near the 1,1,1-trichloroethane tanks, and storage area east of Building 50) - tests will require additional boreholes with installed piezometers.

Field activities should be supplemented with the following regulatory and engineering evaluations:

- evaluate cleanup standards

  - Applicable or Relevant and Appropriate Requirements (ARARS)
  - RCRA Corrective Action levels
  - Health-risk based levels;

- engineering evaluation - soil remediation

  - use data from venting test to evaluate potential to effect remediation of sediments contaminated with chlorinated solvents:

  - o evaluate technical feasibility of attaining selected cleanup levels
  - o evaluate economic feasibility on conceptual level (comparisons)
- evaluate additional data requirements (if any);
- design and cost selected system;
- evaluate permit requirements;

- engineering evaluation - groundwater remediation
  - use data from pumping tests to evaluate potential to affect remediation (pump and treat, with air stripping, carbon absorption, etc.) of groundwater contaminated with chlorinated solvents:
    - o evaluate technical feasibility of attaining selected cleanup levels
    - o evaluate economic feasibility on conceptual level (comparisons);
  - evaluate additional data requirements (if any);
  - design and cost selected system;
  - evaluate permit requirements.

Once the data evaluation has been completed, the most cost-effective remedial option(s) can be selected and implemented.

REFERENCES

Mathes, 1991. Draft Sampling and Analysis Plan, Site Characterization Investigation. Dayton Thermal Products Division, Acustar, Inc. Dayton, Ohio.

Norris, Stanley E. and Spieker, Andrew M. 1966. Ground-Water Resources of the Dayton Area, Ohio. United States Geological Survey Water-Supply Paper 1808.

Schmidt, James J. 1986. Ground-Water Resources of Montgomery County. Ohio Department of Natural Resources Map. Scale 1:62,500.

Spieker, Andrew M. 1968. Ground-Water Hydrogeology and Geology of the Lower Great Miami River Valley Ohio. U. S. Geological Survey Professional Paper 605-A.

APPENDIX A

Figures

1 Site Location Map

2 Trichloroethene Concentration (ug/L) in Soil Gas at 0 to 1 foot Buildings 40A and 40B

3 Trichloroethene Concentration (ug/L) in Soil Gas at 3 to 4 feet Buildings 40A and 40B

4 Trichloroethene Concentration (ug/L) in Soil Gas at 6 to 7 feet Buildings 40A and 40B

5 1,1,1-Trichloroethane Concentration (ug/L) in Soil Gas at 0 to 1 foot Buildings 40A and 40B

6 1,1,1-Trichloroethane Concentration (ug/L) in Soil Gas at 3 to 4 feet Buildings 40A and 40B

7 1,1,1-Trichloroethane Concentration (ug/L) in Soil Gas at 6 to 7 feet Buildings 40A and 40B

8 Tetrachloroethene Concentration (ug/L) in Soil Gas at 0 to 1 foot Buildings 40A and 40B

9 Tetrachloroethene Concentration (ug/L) in Soil Gas at 3 to 4 feet Buildings 40A and 40B

10 Tetrachloroethene Concentration (ug/L) in Soil Gas at 6 to 7 feet Buildings 40A and 40B

11 1,1-Dichloroethene Concentration (ug/L) in Soil Gas at 0 to 1 foot Buildings 40A and 40B

12 1,1-Dichloroethene Concentration (ug/L) in Soil Gas at 3 to 4 feet Buildings 40A and 40B

13 1,1-Dichloroethene Concentration (ug/L) in Soil Gas at 6 to 7 feet Buildings 40A and 40B

14 cis-1,2-Dichloroethene Concentration (ug/L) in Soil Gas at 0 to 1 foot Buildings 40A and 40B

15 cis-1,2-Dichloroethene Concentration (ug/L) in Soil Gas at 3 to 4 feet Buildings 40A and 40B

16 cis-1,2-Dichloroethene Concentration (ug/L) in Soil Gas at 6 to 7 feet Buildings 40A and 40B

17 Sampling Location Designations - Dayton Thermal Products Plant

18 Trichloroethene Concentration (ug/L) in Soil Gas at 8 to 10 feet

19 Trichloroethene Concentration (ug/L) in Soil Gas at 19 to 20 feet

20 Trichloroethene Concentration (ug/L) in Groundwater Headspace at 24 to 25 feet

APPENDIX A (Continued)

Figures

21 Trichloroethene Concentration (ug/L) in Groundwater

22 1,1,1-Trichloroethane Concentration (ug/L) in Soil Gas at 8 to 10 feet

23 1,1,1-Trichloroethane Concentration (ug/L) in Soil Gas at 19 to 20 feet

24 1,1,1-Trichloroethane Concentration (ug/L) in Groundwater Headspace at 24 to 25 feet

25 1,1,1-Trichloroethane Concentration (ug/L) in Groundwater

26 Tetrachloroethene Concentration (ug/L) in Soil Gas at 8 to 10 feet

27 Tetrachloroethene Concentration (ug/L) in Soil Gas at 19 to 20 feet

28 Tetrachloroethene Concentration (ug/L) in Groundwater Headspace at 24 to 25 feet

29 Tetrachloroethene Concentration (ug/L) in Groundwater

30 1,1-Dichloroethene Concentration (ug/L) in Soil Gas at 8 to 10 feet

31 1,1-Dichloroethene Concentration (ug/L) in Soil Gas at 19 to 20 feet

32 1,1-Dichloroethene Concentration (ug/L) in Groundwater Headspace at 24 to 25 feet

33 1,1-Dichloroethene Concentration (ug/L) in Groundwater

34 cis-1,2-Dichloroethene Concentration (ug/L) in Soil Gas at 8 to 10 feet

35 cis-1,2-Dichloroethene Concentration (ug/L) in Soil Gas at 19 to 20 feet

36 cis-1,2-Dichloroethene Concentration (ug/L) in Groundwater Headspace at 24 to 25 feet

37 1,1,2-Trichloroethane Concentration (ug/L) in Groundwater

38 trans-1,2-Dichloroethene Concentration (ug/L) in Groundwater

39 1,1-Dichloroethane Concentration (ug/L) in Groundwater

40 1,2-Dichloroethane Concentration (ug/L) in Groundwater

41 Conceptual Subsurface Conditions - Dayton Thermal Products Plant

APPENDIX A (Continued)

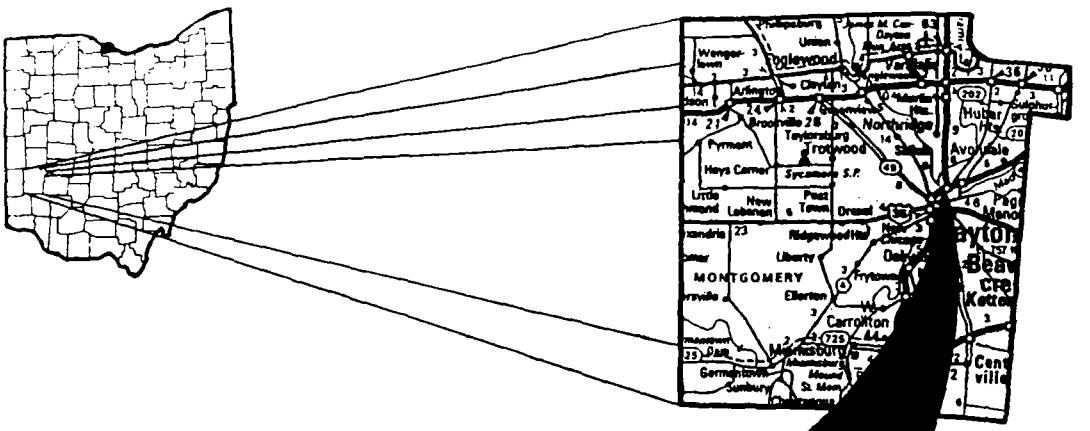
Figures

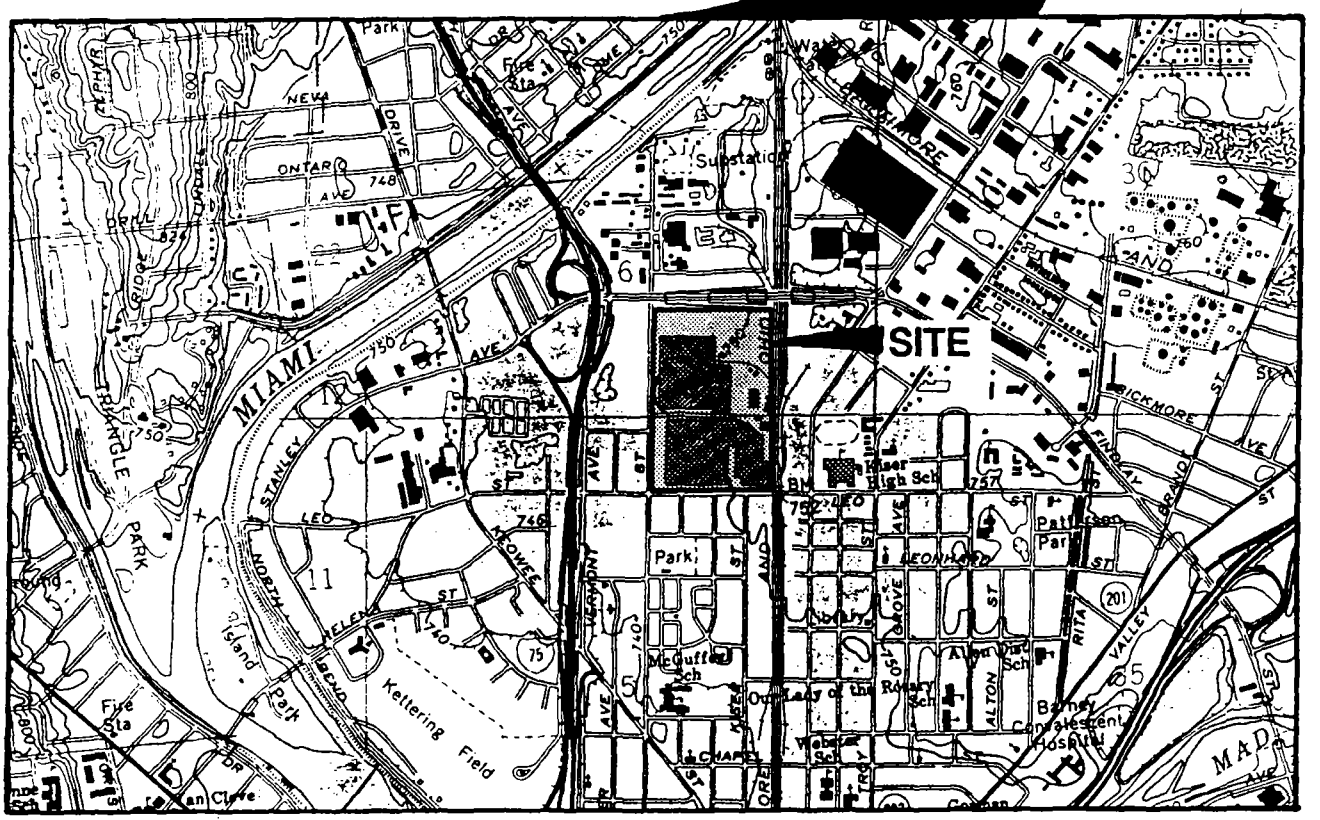
42 Proposed Locations for Horizontal Vapor Removal Lines in Building 40A

43 Cross Sectional Diagram of Proposed Venting System

44 Proposed Locations of Deep Soil Test Boreholes and Initial Monitoring Wells

DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
144 5-17-91	PTS 5/17/91	86 5-17-91	5/20/91





N

Modified from U.S.G.S Geolcical Survey, Dayton North, Ohio quadrangle, photo revised 1981.

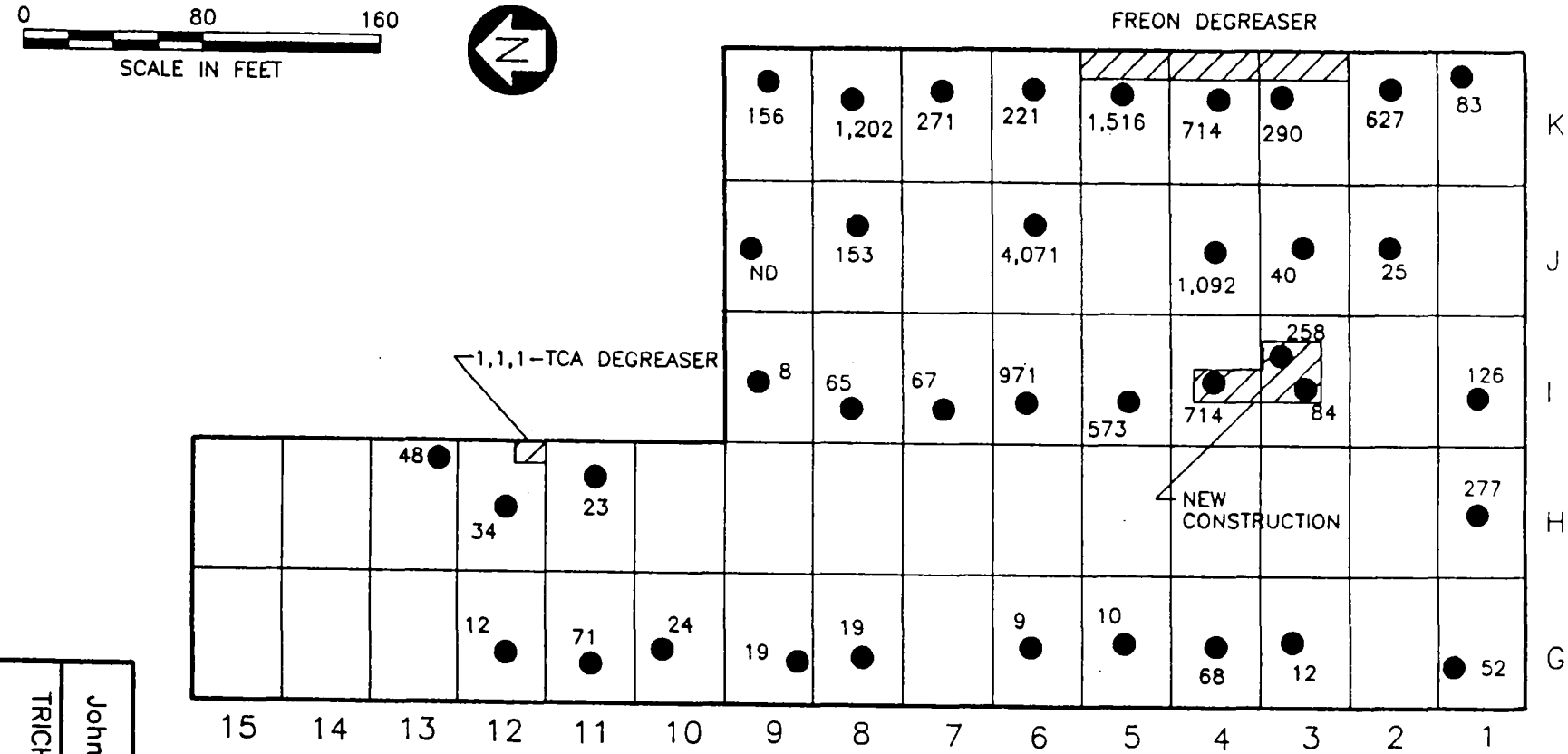
John Mathes & Associates, Inc.

SITE LOCATION MAP

ACUSTAR
DAYTON, OHIO
423023

FIGURE 1

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	TAA 6-25-91	DTS 6/25/91	6/28/91	6/28/91



EXPLANATION

● 156 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

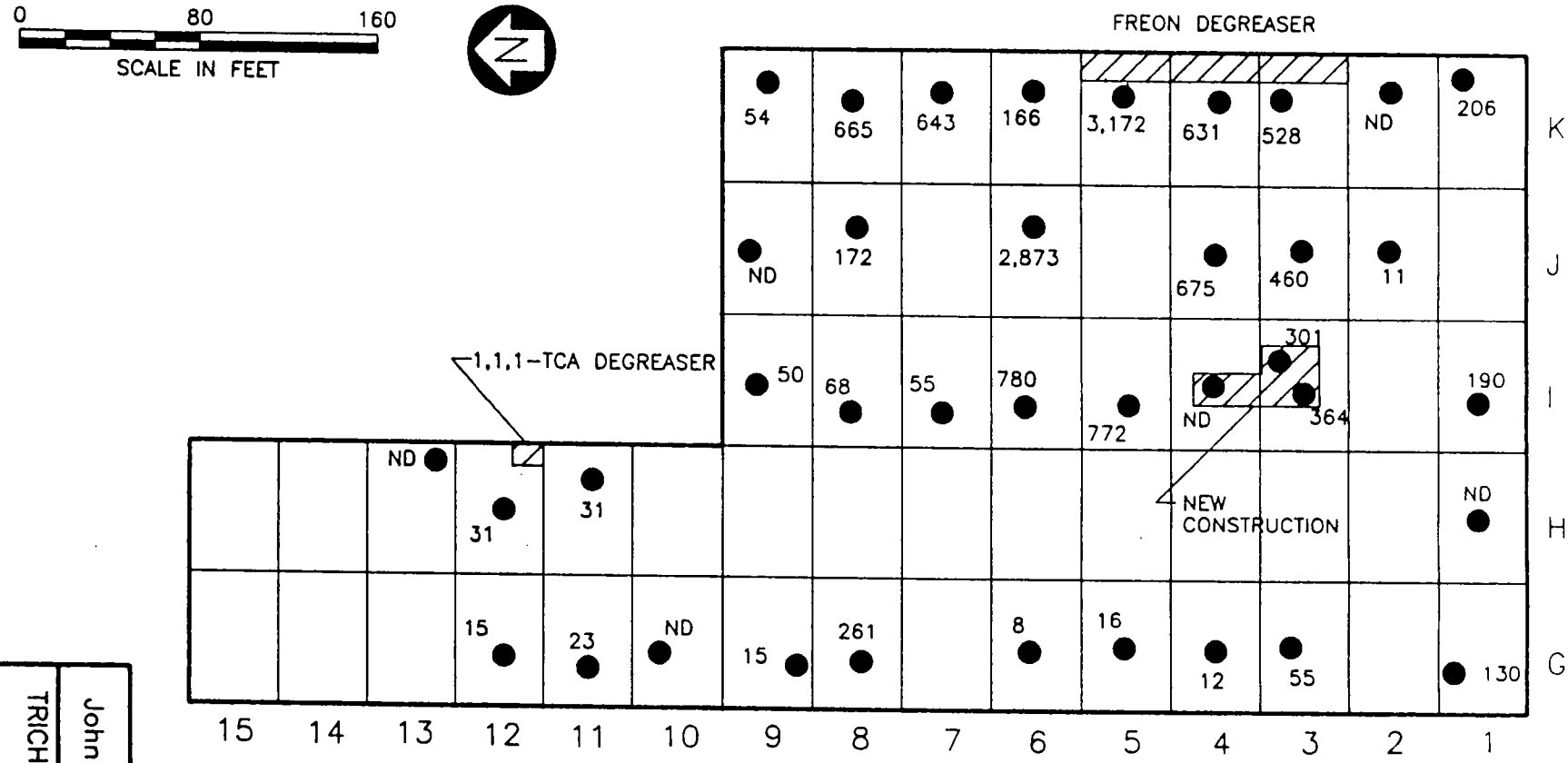
John Mathes & Associates, Inc.

TRICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 0 TO 1 FOOT BUILDINGS 40A AND 40B

ACUSTAR DAYTON, OHIO 423023

FIGURE 2

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	



EXPLANATION

● 54 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

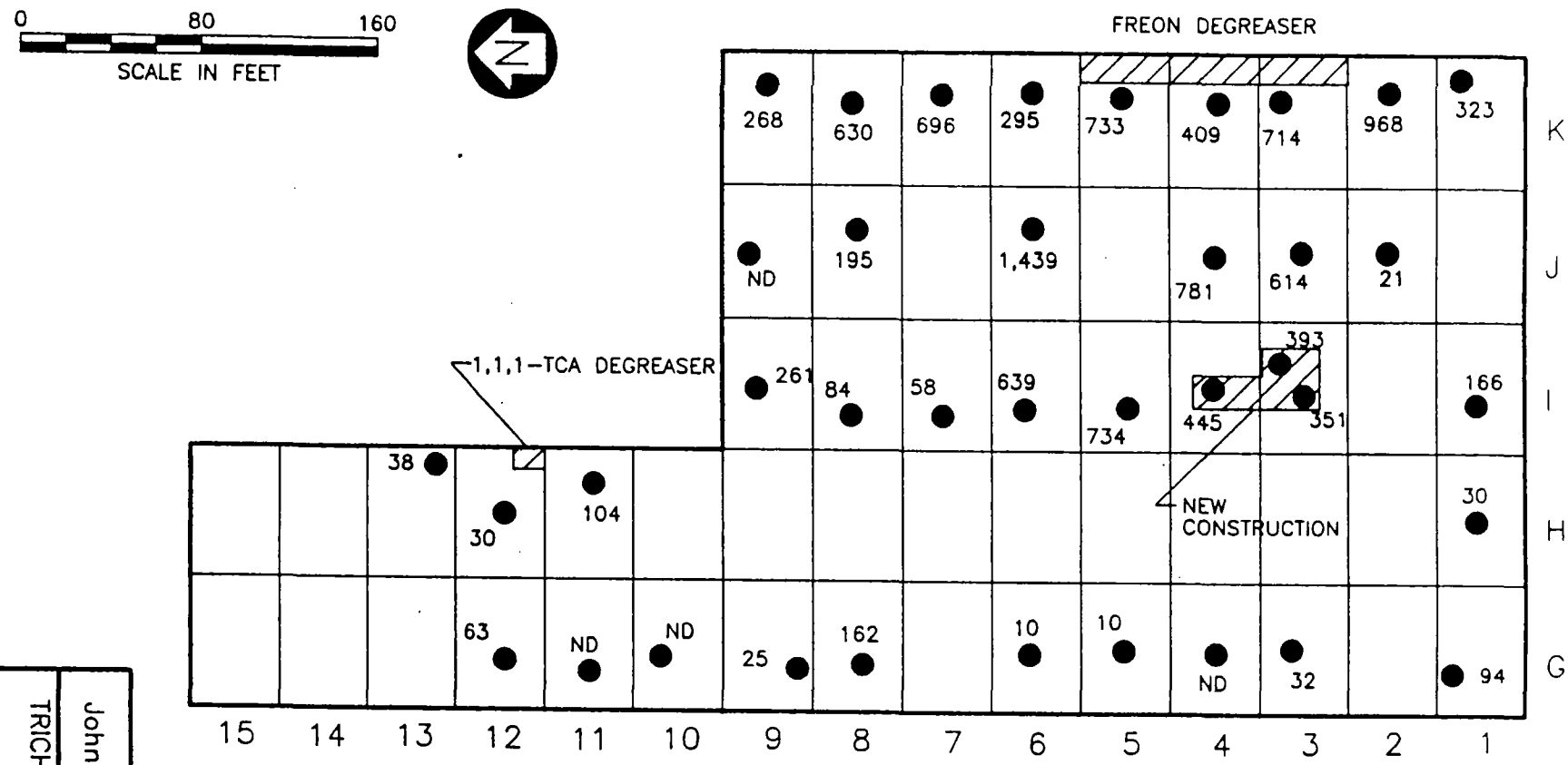
John Mathes & Associates, Inc.

TRICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 3 TO 4 FEET BUILDINGS 40A AND 40B

ACUSTAR DAYTON, OHIO 423023

FIGURE 3

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	6/21/91



EXPLANATION

● 268 APPROXIMATE RECON™ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

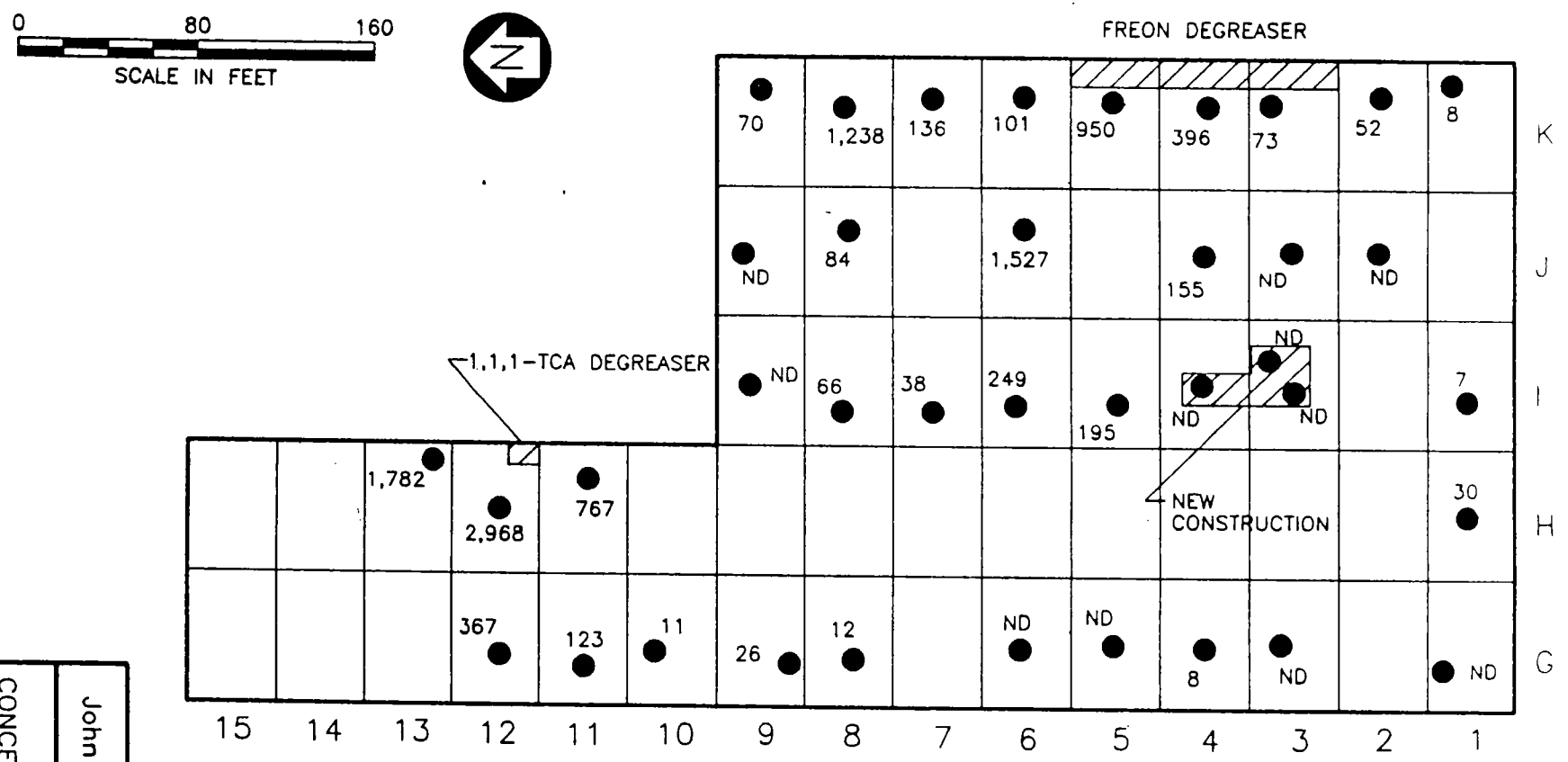
TRICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 6 TO 7 FEET
BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 4

John Mathes & Associates, Inc.

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	



EXPLANATION

● 70 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

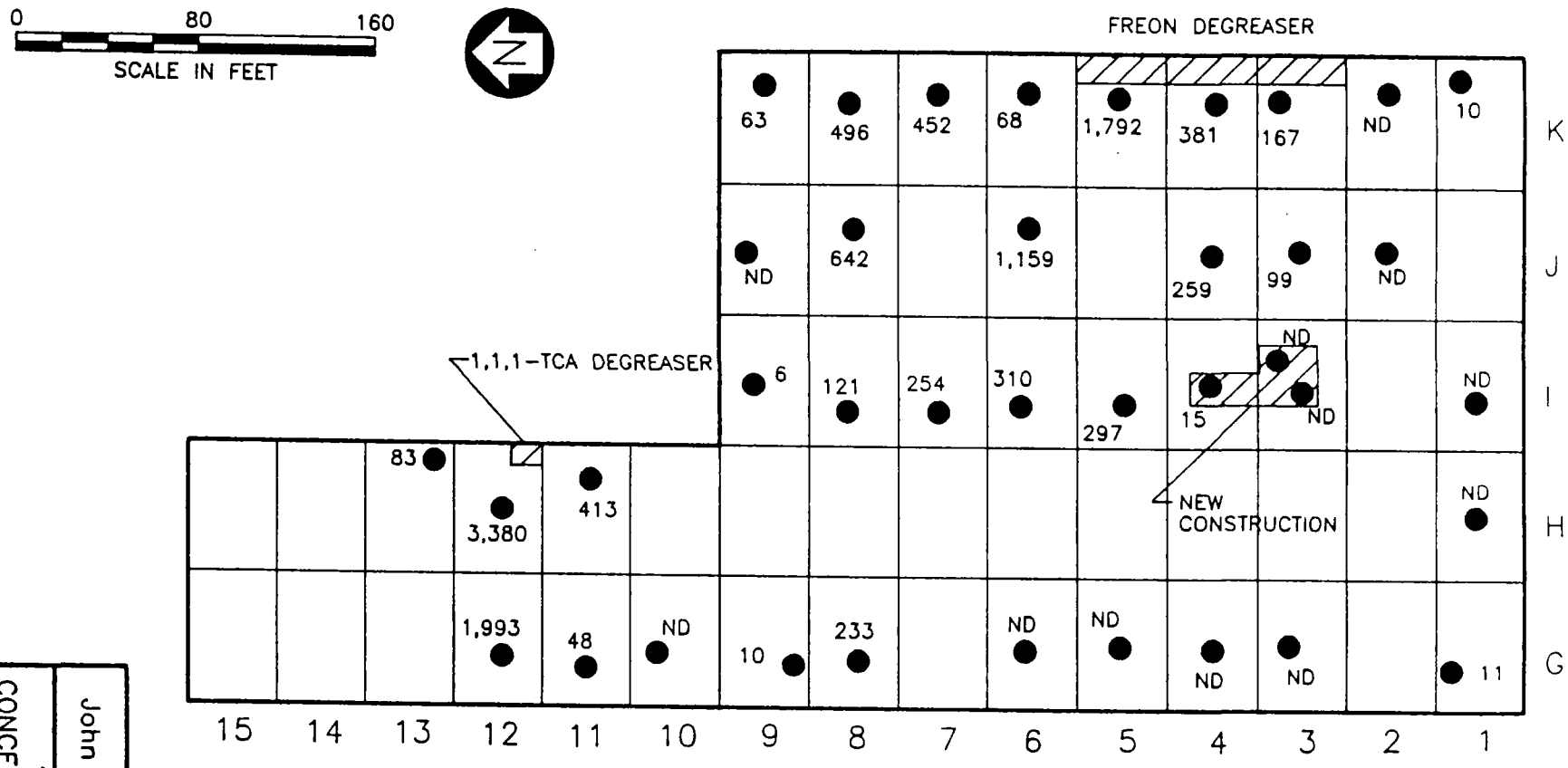
John Mathes & Associates, Inc.

1,1,1-TRICHLOROETHANE CONCENTRATION (ug/L) IN SOIL GAS AT 0 TO 1 FOOT BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 5

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	5.25.91	6/25/91	6/26/91	



EXPLANATION

● 63 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

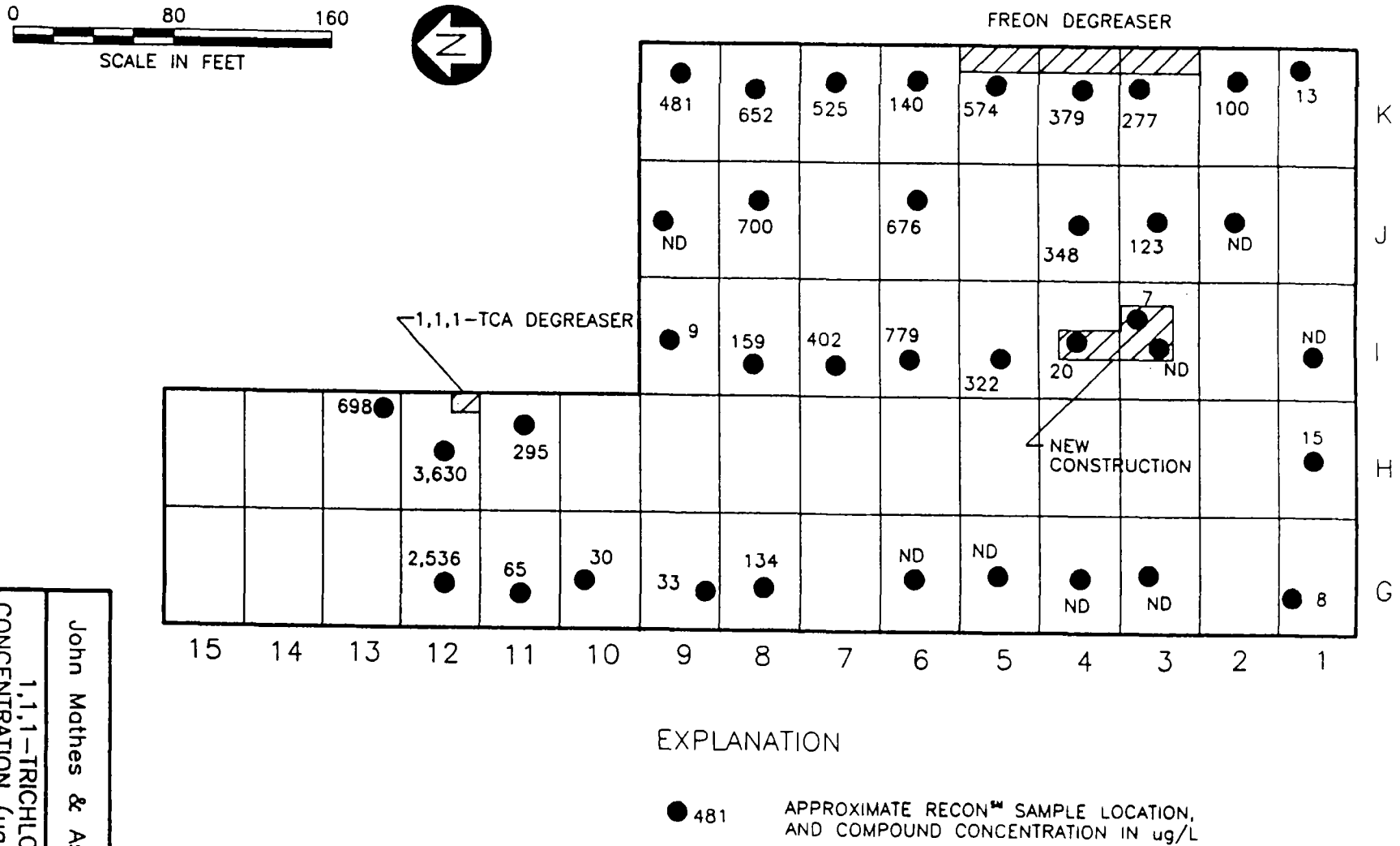
John Mathes & Associates, Inc.

1,1,1-TRICHLOROETHANE CONCENTRATION (ug/L) IN SOIL GAS AT 3 TO 4 FEET BUILDINGS 40A TO 40B

ACUSTAR DAYTON, OHIO 423023

FIGURE 6

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	6/27/91



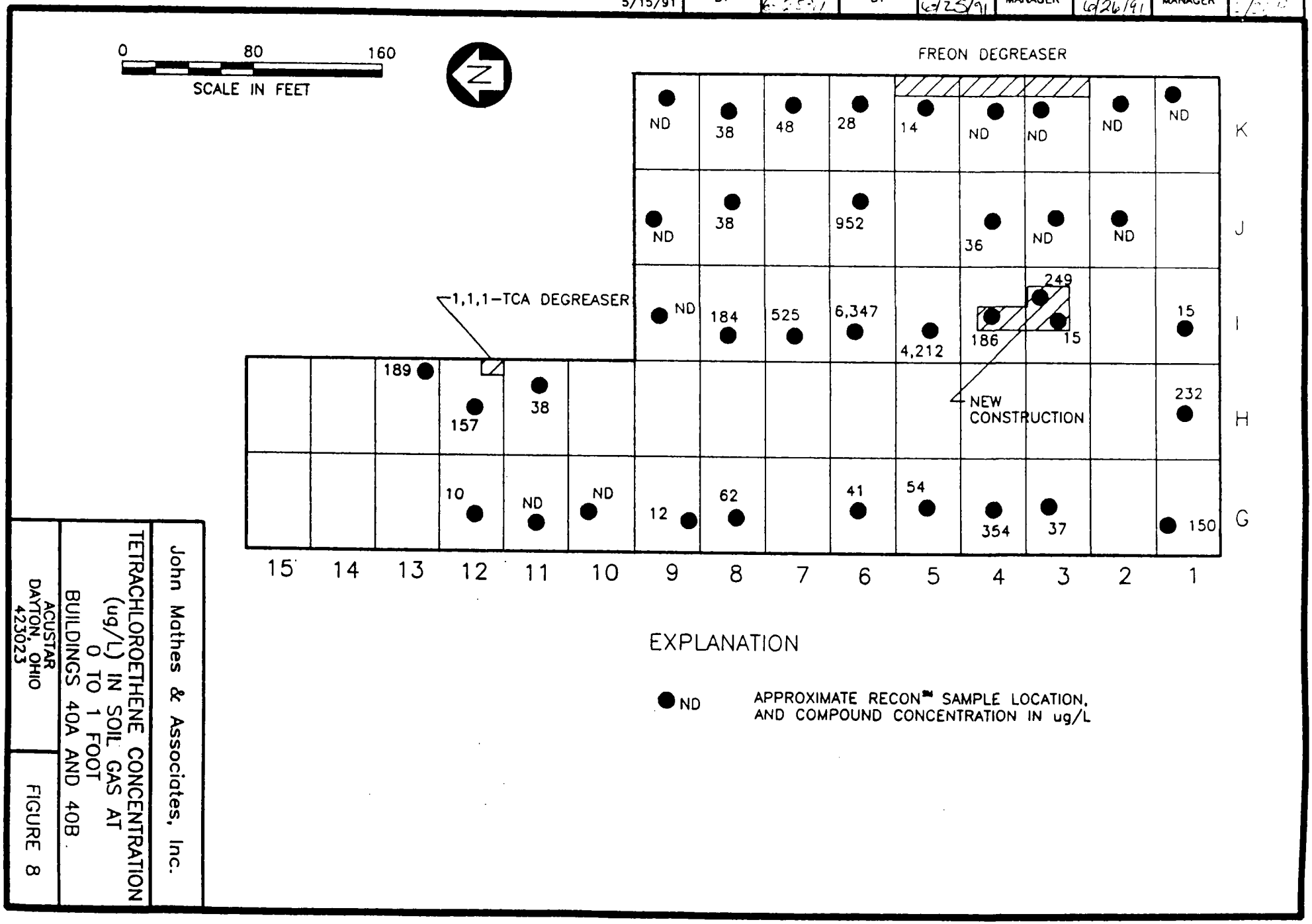
John Mathes & Associates, Inc.

1,1,1-TRICHLOROETHANE CONCENTRATION (ug/L) IN SOIL GAS AT 6 TO 7 FEET BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 7

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	



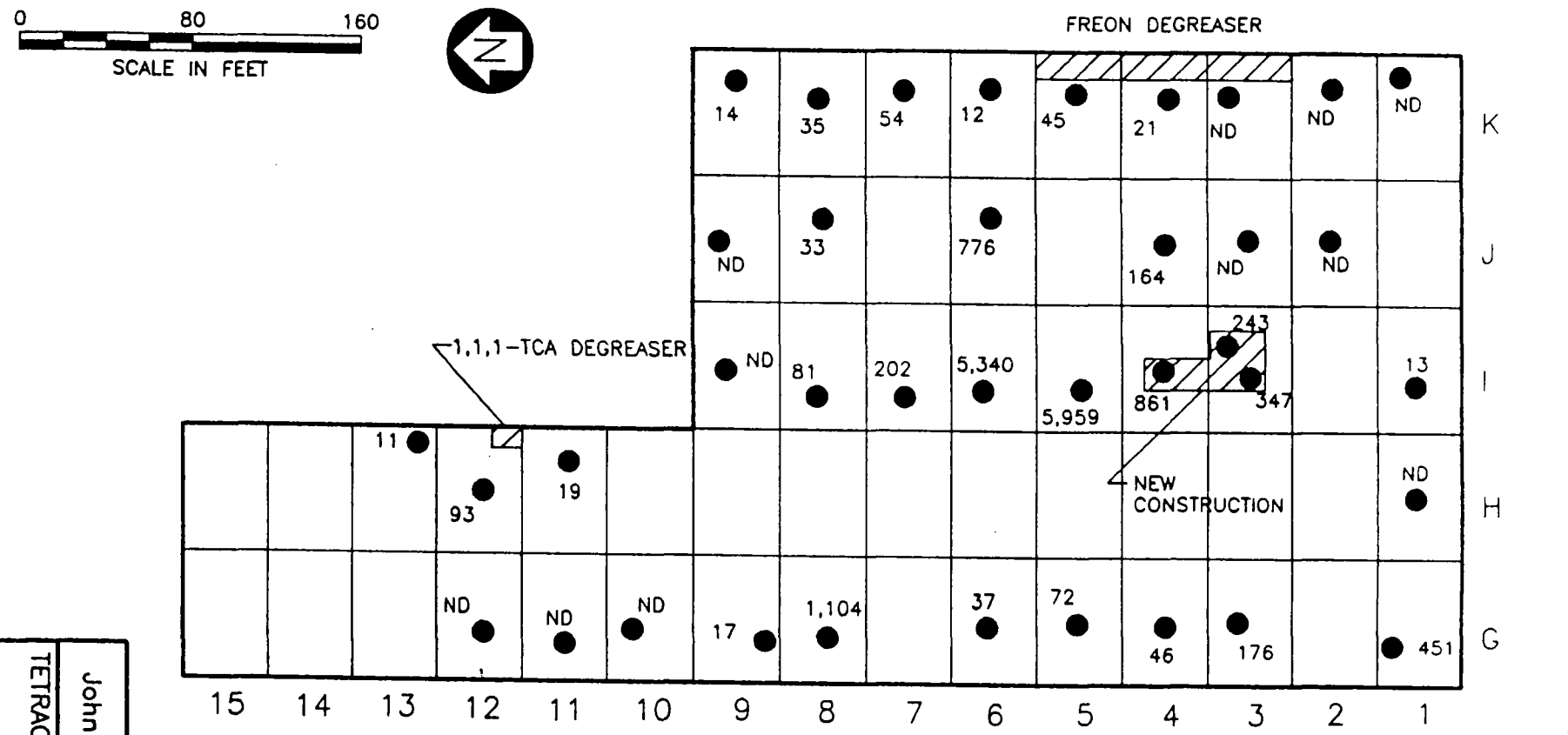
John Mathes & Associates, Inc.

TETRACHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 0 TO 1 FOOT BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 8

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	PTS 6/25/91	SG 6/26/91	6/27



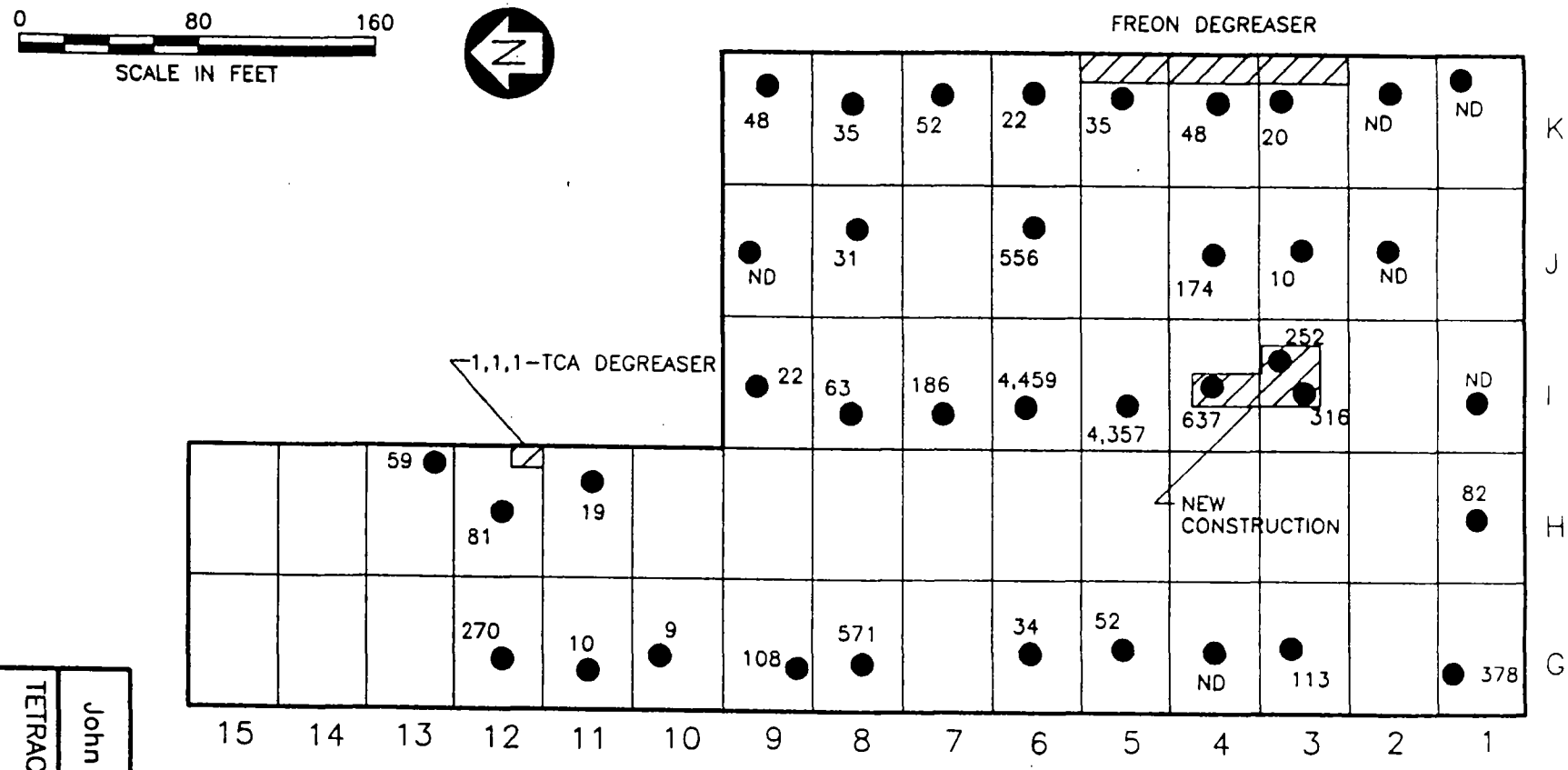
John Mathes & Associates, Inc.

TETRACHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 3 TO 4 FEET BUILDINGS 40A AND 40B

ACUSTAR DAYTON, OHIO 42023

FIGURE 9

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	7/1/91



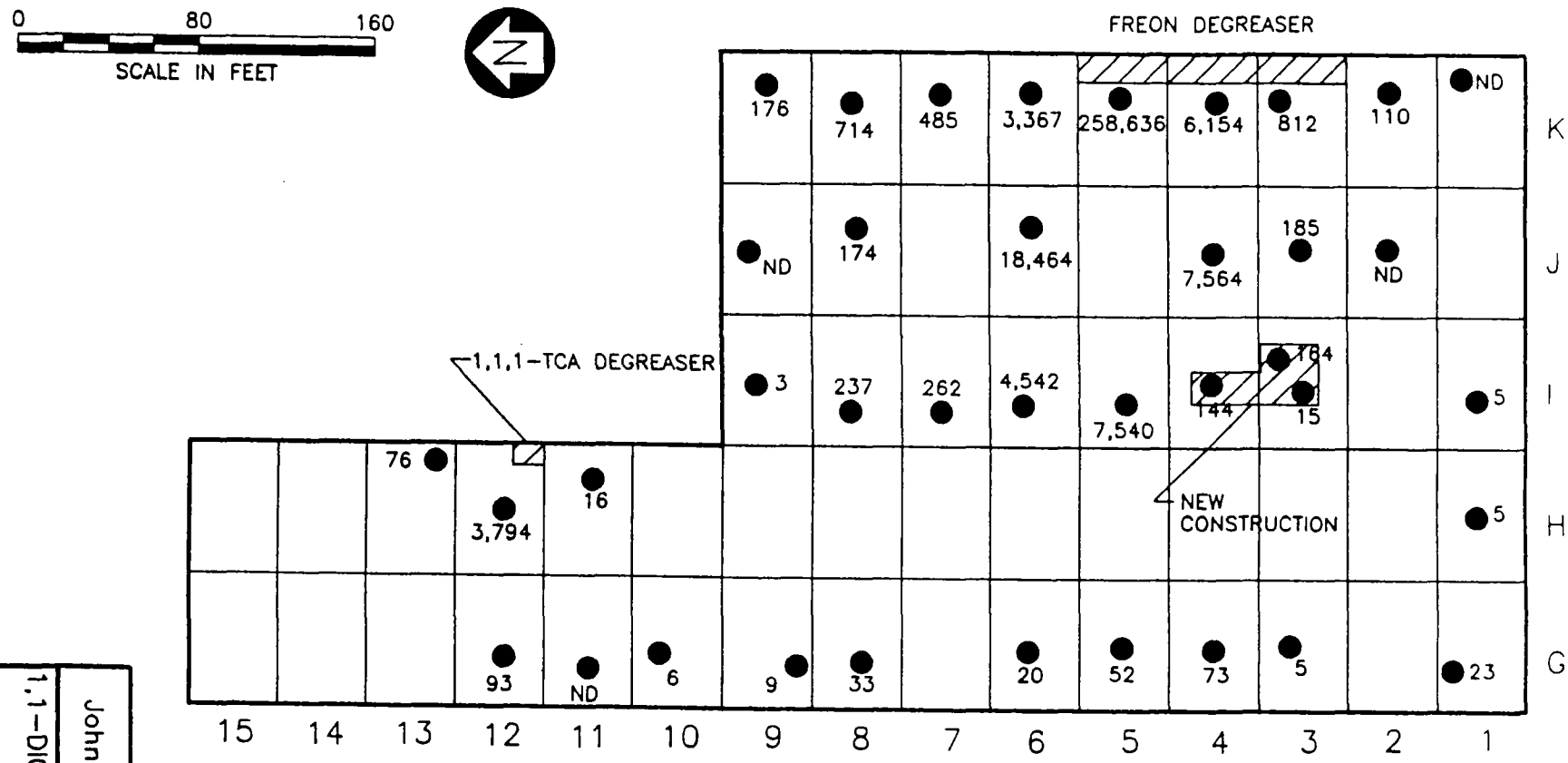
TETRACHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 6 TO 7 FEET
BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 10

John Mathes & Associates, Inc.

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	



EXPLANATION

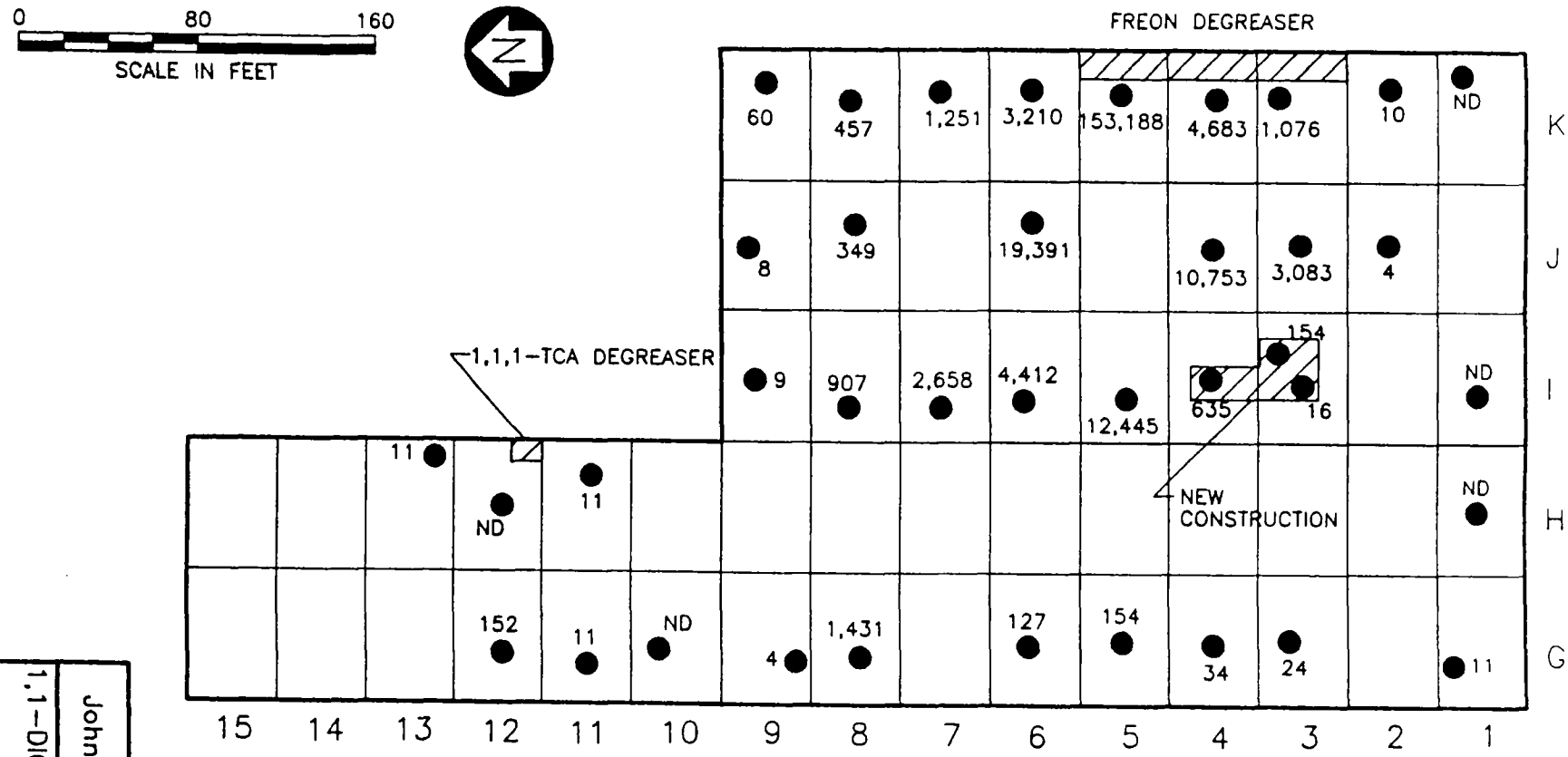
● 176 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

1,1-DICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 0 TO 1 FOOT
BUILDINGS 40A AND 40B
ACUSTAR
DAYTON, OHIO
423023

John Mathes & Associates, Inc.

FIGURE 11

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6.25.91	6/25/91	6/26/91	6/27/91



EXPLANATION

● 60 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

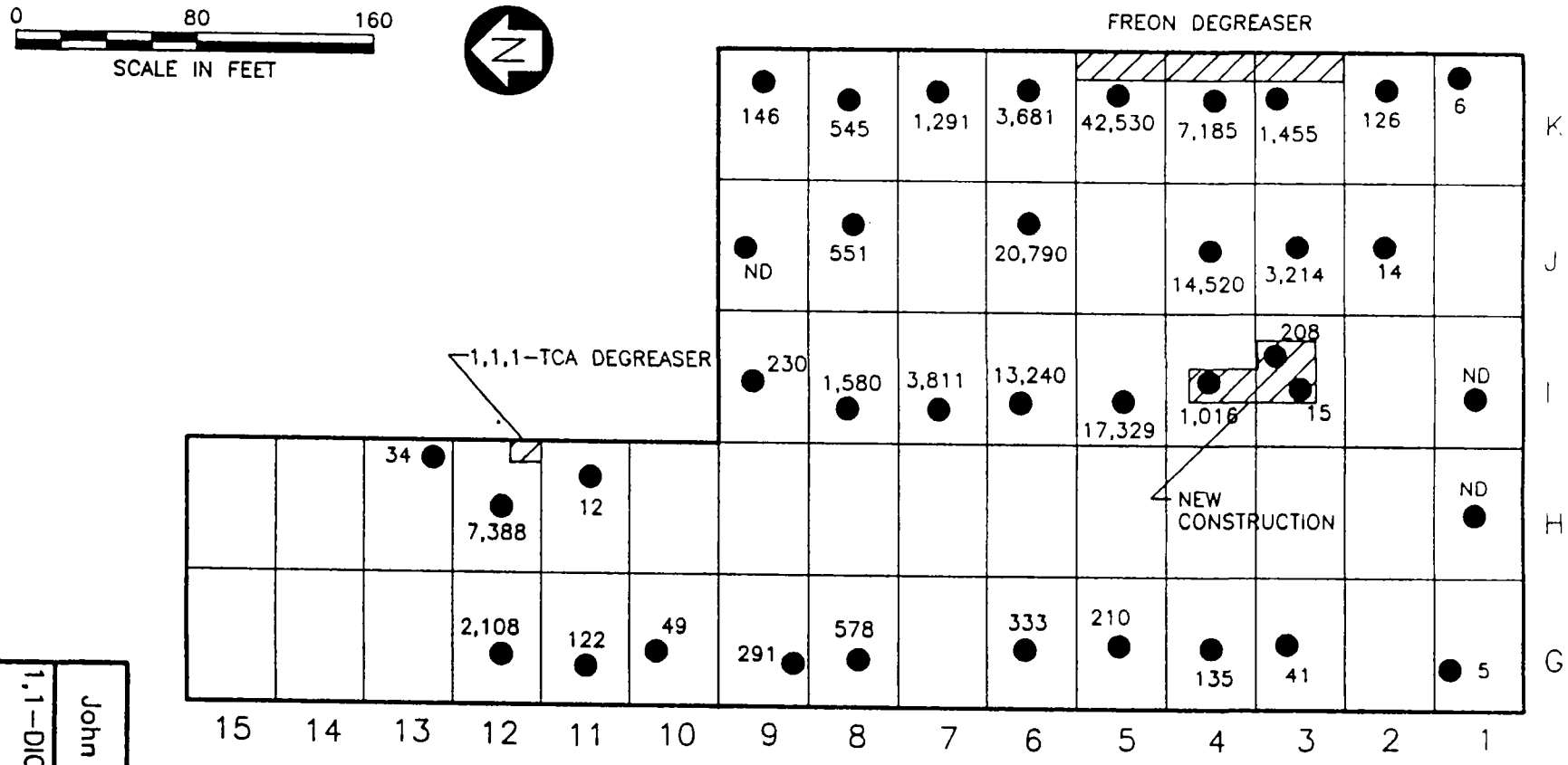
John Mathes & Associates, Inc.

1,1-DICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 3 TO 4 FEET BUILDINGS 40A AND 40B

ACUSTAR DAYTON, OHIO 423023

FIGURE 12

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	PTS 6/25/91	SG 6/26/91	6/[illegible]



EXPLANATION

● 146 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

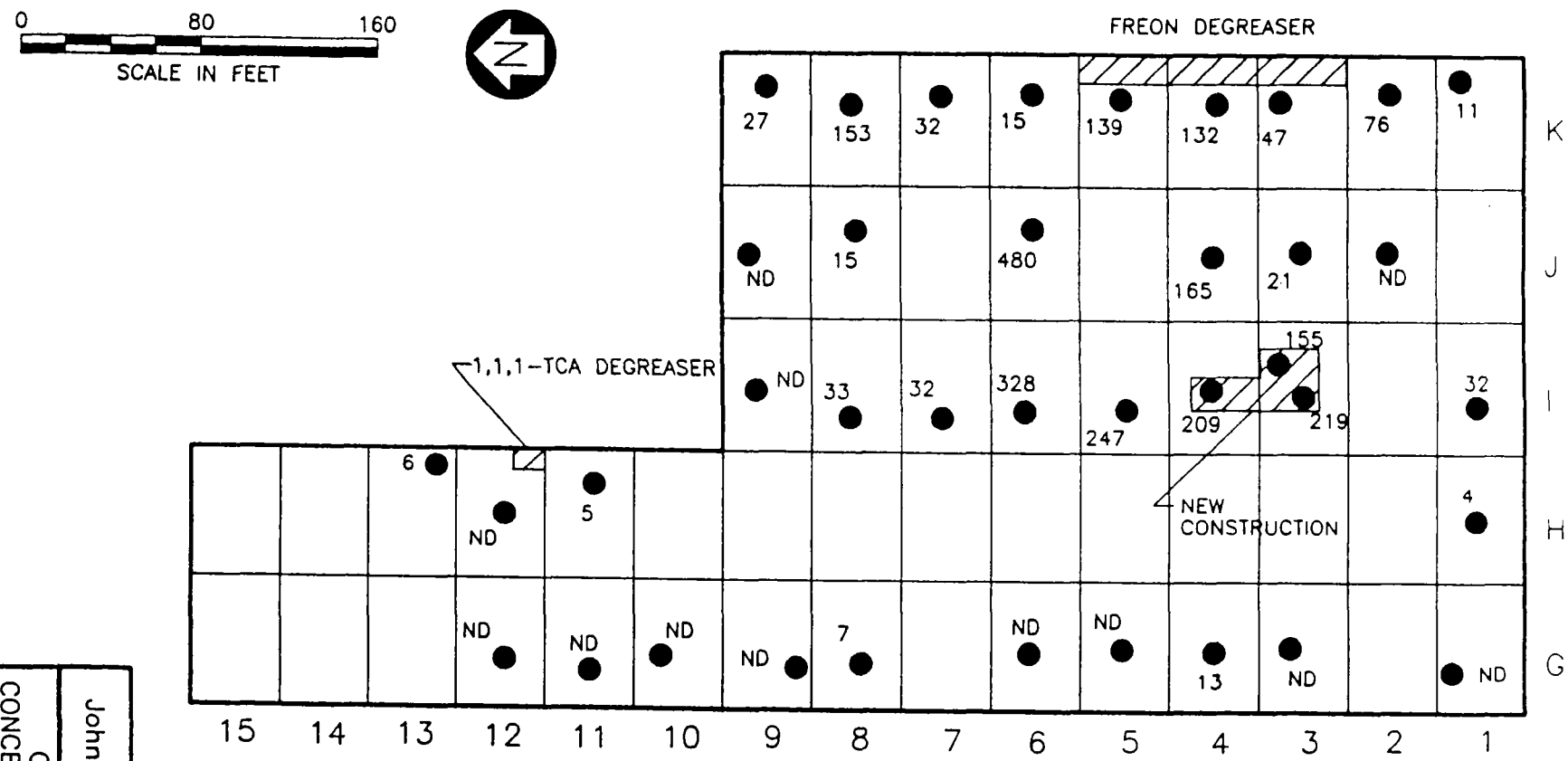
John Mathes & Associates, Inc.

1,1-DICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 6 TO 7 FEET
BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 13

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	THM 6-25-91	DTS 6/25/91	SG 6/26/91	6/27/91



EXPLANATION

● 27 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

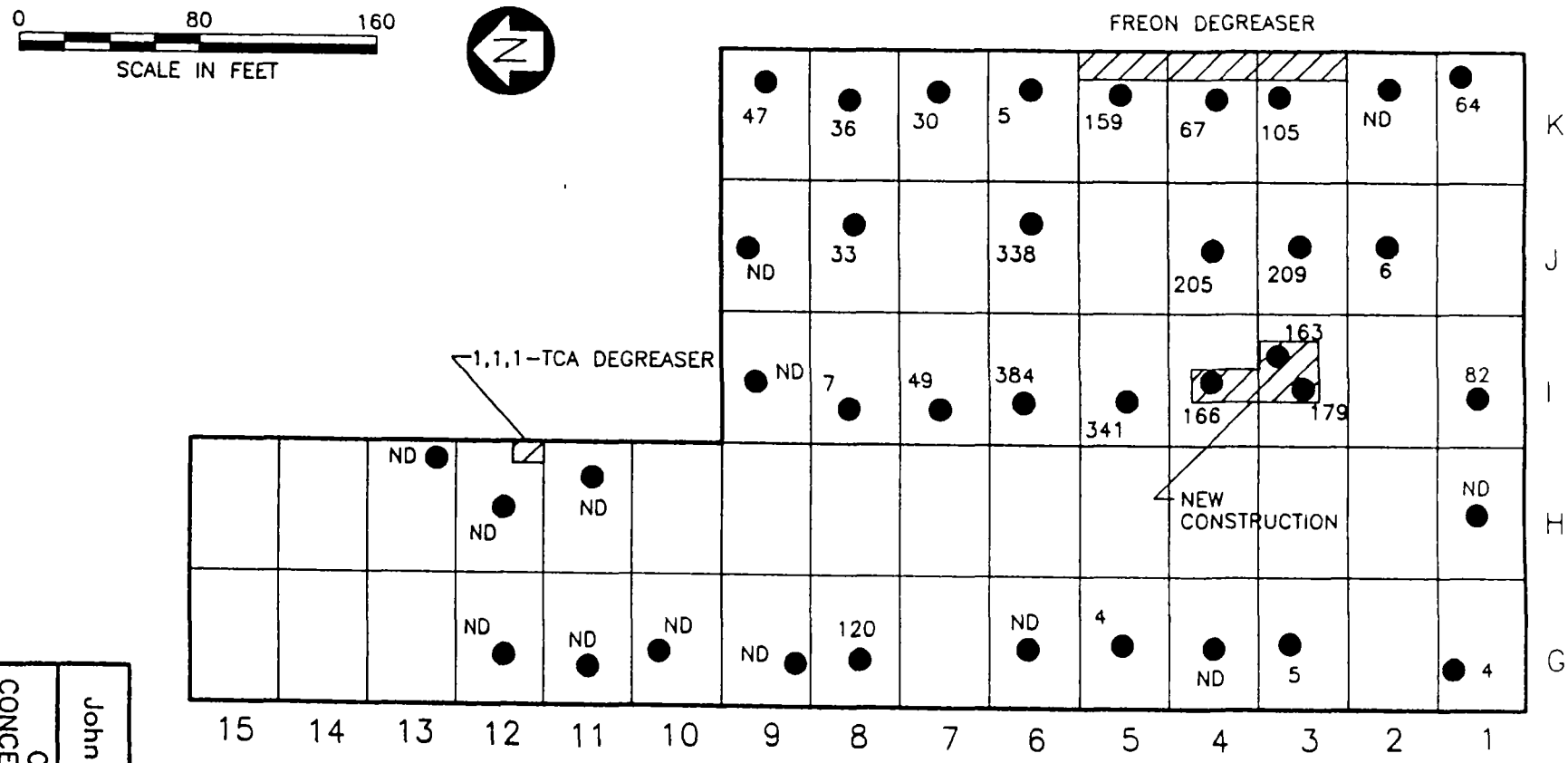
John Mathes & Associates, Inc.

CIS-1,2-DICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 0 TO 1 FOOT BUILDINGS 40A AND 40B

ACUSTAR DAYTON, OHIO 423023

FIGURE 14

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	



EXPLANATION

● 47 APPROXIMATE RECON℠ SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

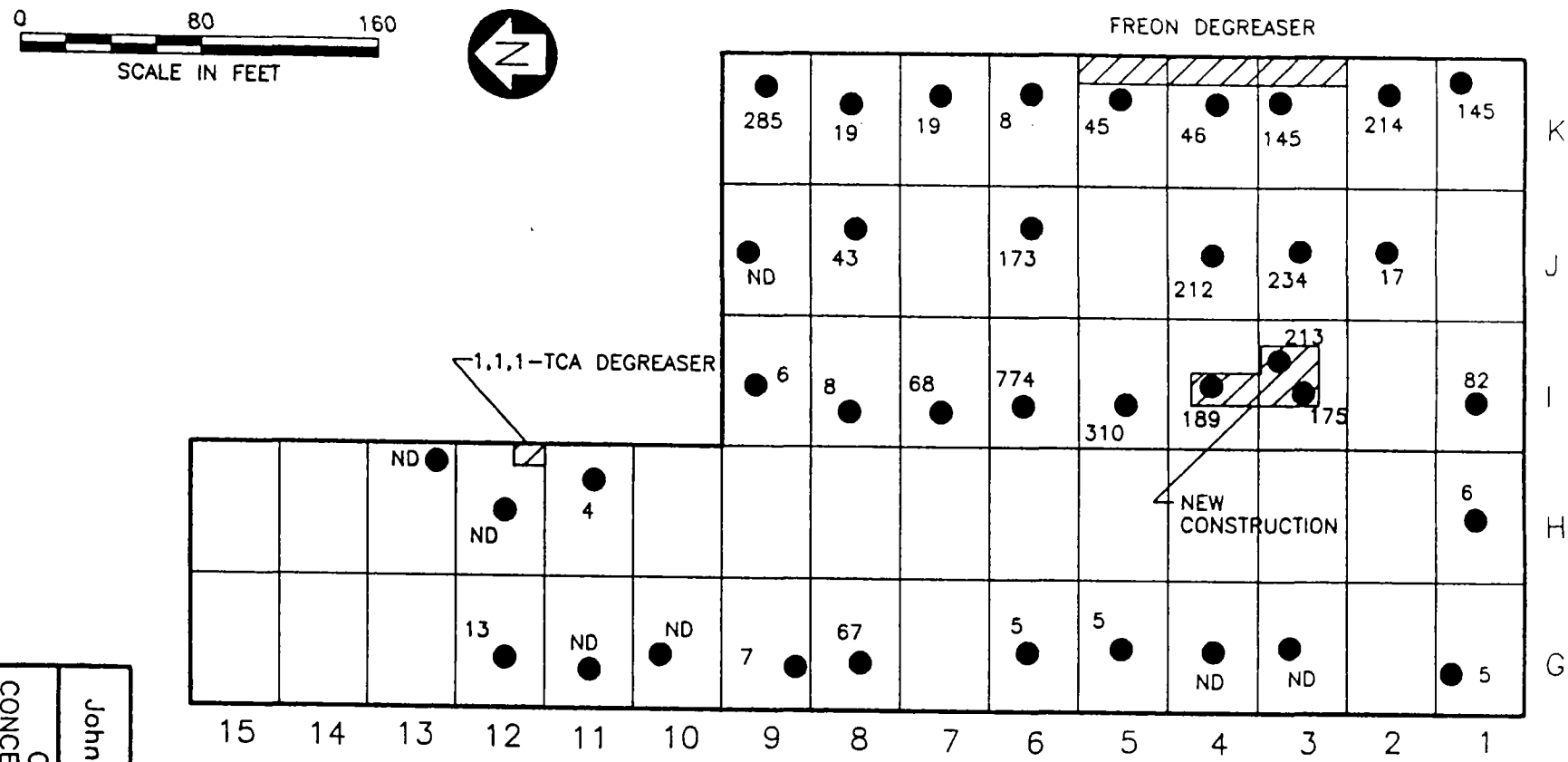
John Mathes & Associates, Inc.

CIS-1,2-DICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 3 TO 4 FEET BUILDINGS 40A AND 40B

ACUSTAR DAYTON, OHIO 423023

FIGURE 15

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
C 5/15/91	6-25-91	6/25/91	6/26/91	6/27/91



EXPLANATION

● 285 APPROXIMATE RECON[SM] SAMPLE LOCATION, AND COMPOUND CONCENTRATION IN ug/L

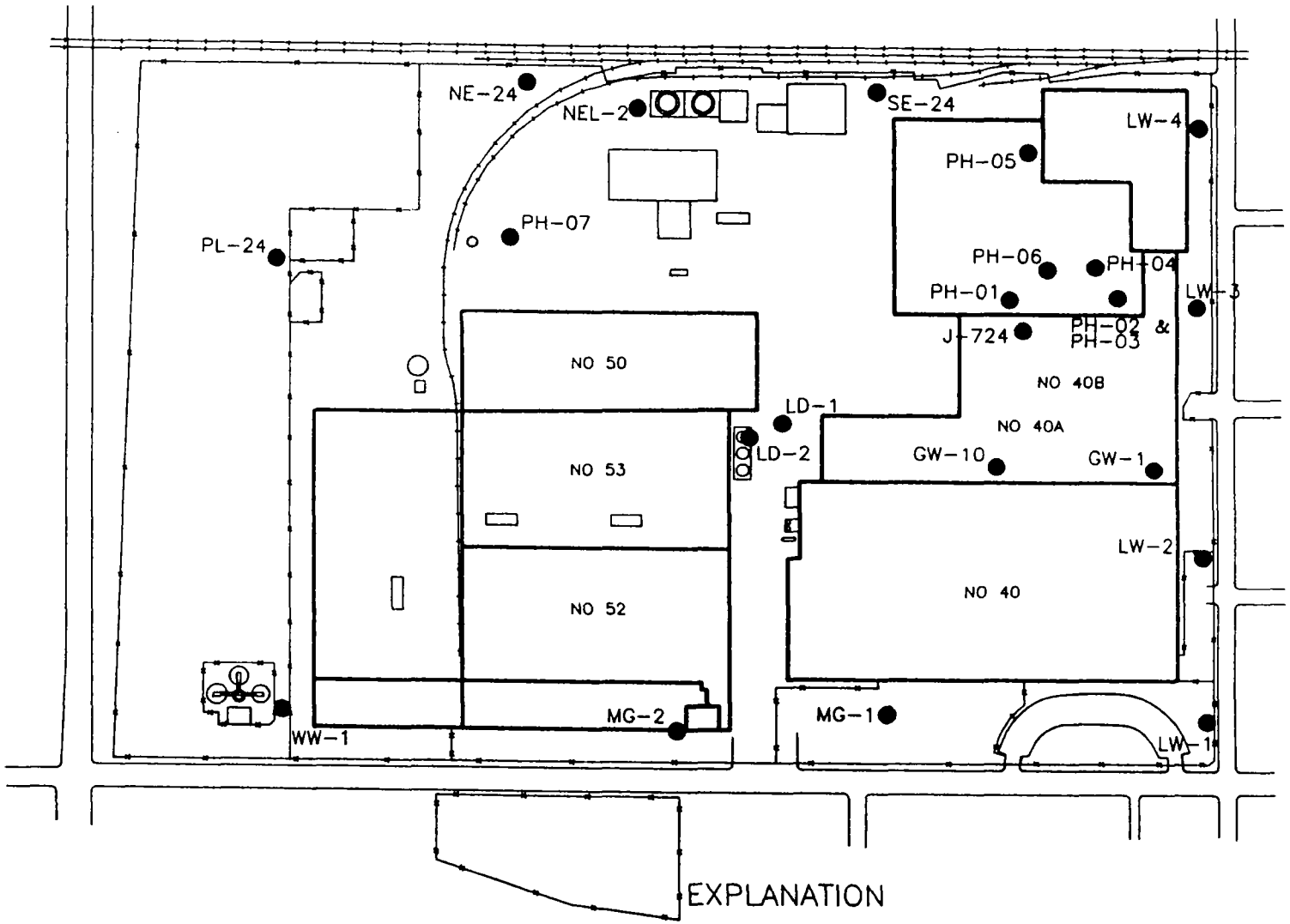
John Mathes & Associates, Inc.

CIS-1,2-DICHLOROETHENE CONCENTRATION (ug/L) IN SOIL GAS AT 6 TO 7 FEET BUILDINGS 40A AND 40B

ACUSTAR
DAYTON, OHIO
423023

FIGURE 16

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SG 5-20-91	JH 5/20/91



NOTE: Soil gas and groundwater headspace samples were collected from PH-02, and groundwater samples were collected from PH-03.

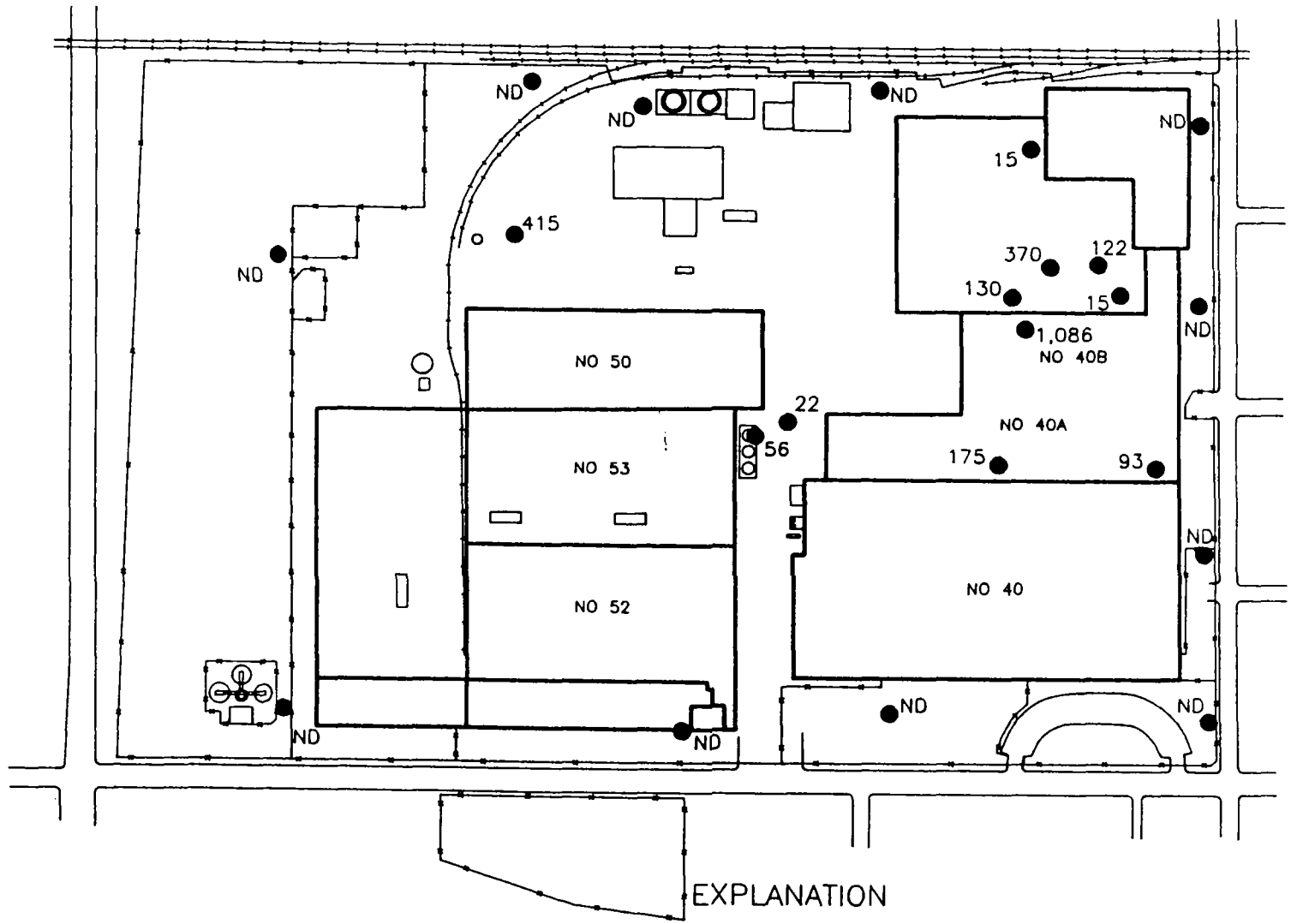
John Mathes & Associates, Inc.

SAMPLING LOCATIONS

ACUSTAR
DAYTON, OHIO
423023

FIGURE 17

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TAA 5-17-91	PTS 5/17/91	SB 5-20 91	5/20/91



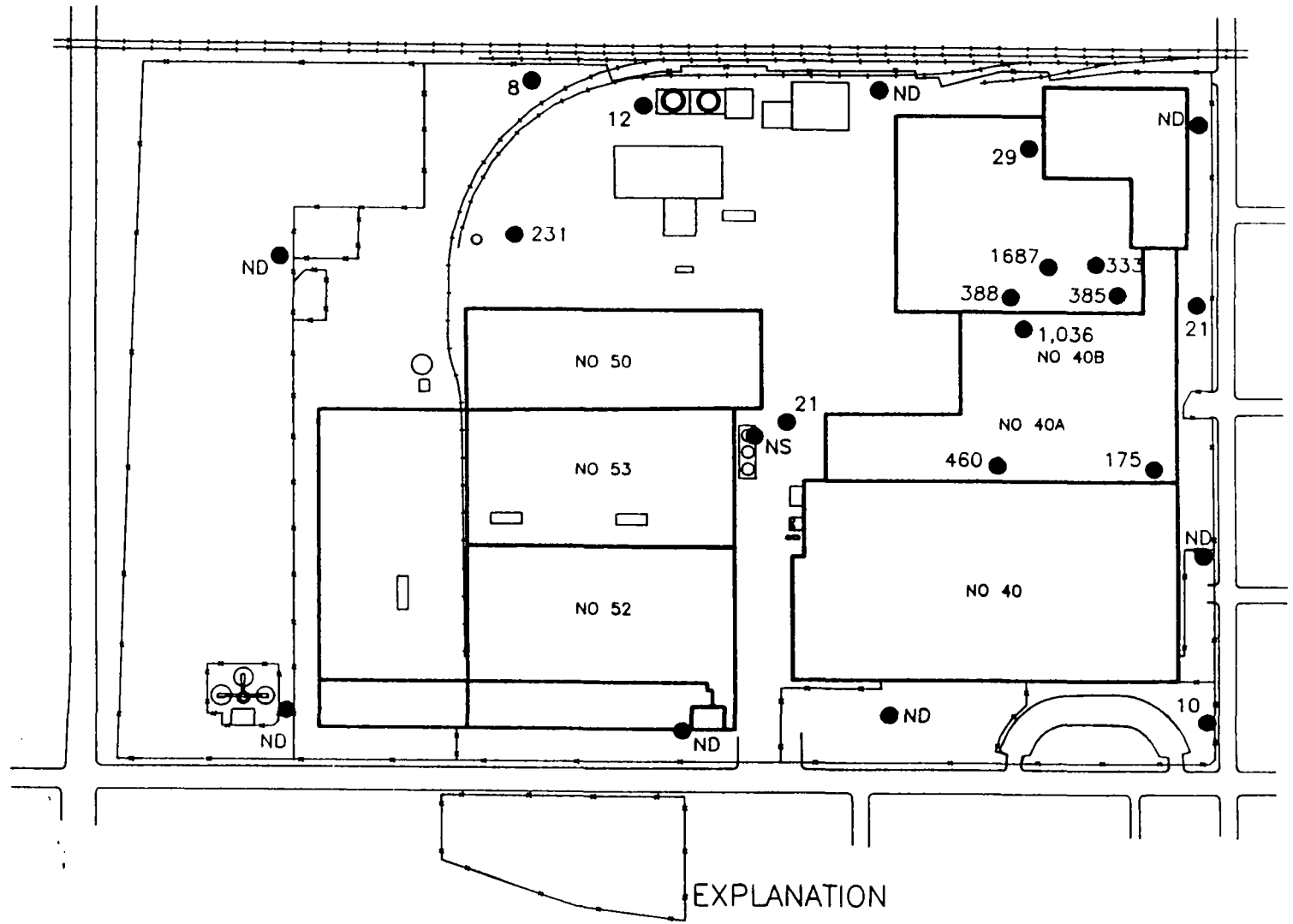
John Mathes & Associates, Inc.

TRICHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 8' - 10' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 18

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	26 5-20-91	5/20/91



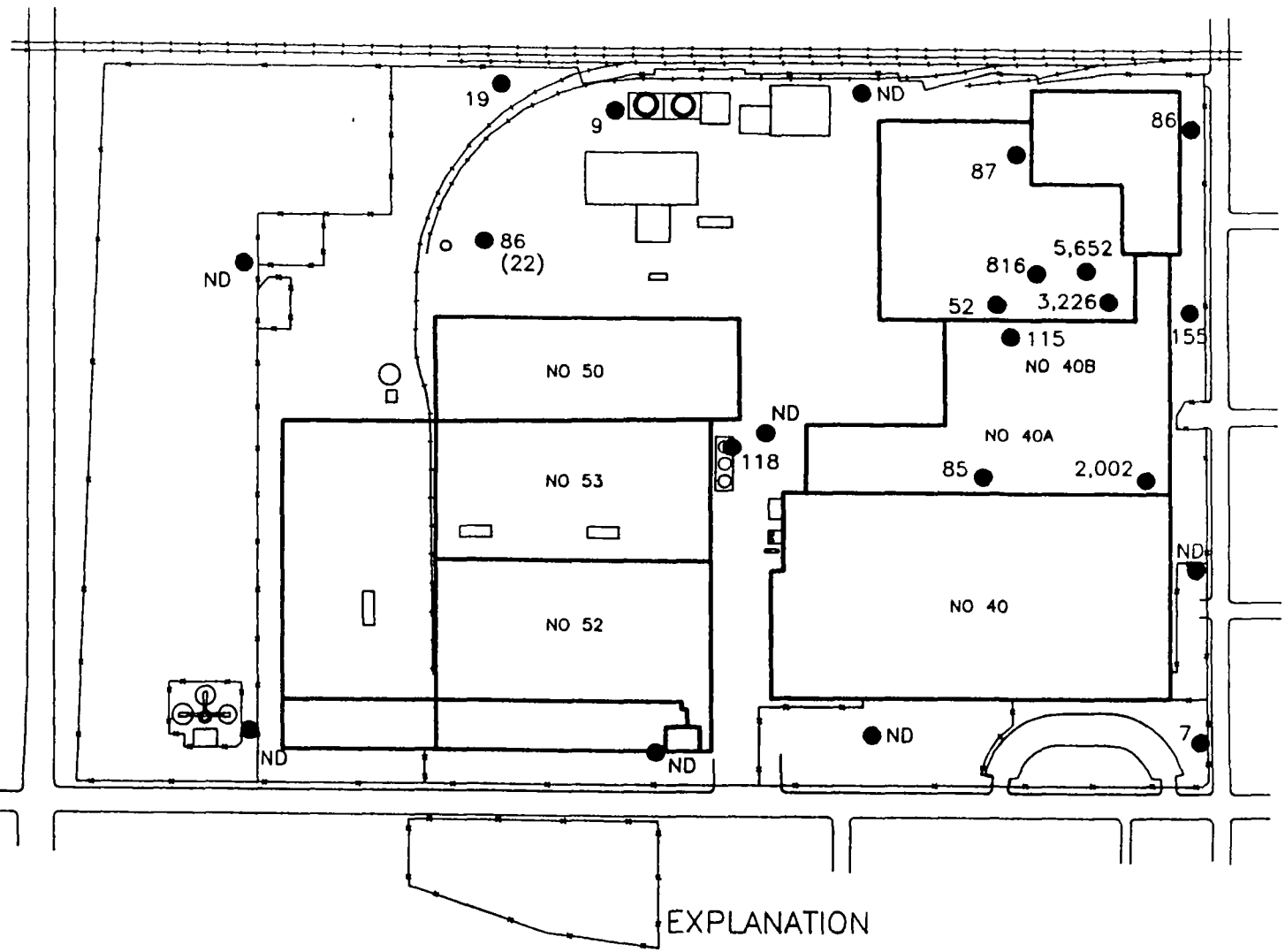
John Mathes & Associates, Inc.

TRICHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 19'– 20' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 19

B REV. DATE 5/15/91	DRAWN BY	TMM 5-17-91	CHECKED BY	PTS 5/17/91	DOCUMENT MANAGER	SG 5-20-91	PROJECT MANAGER	5/22/91



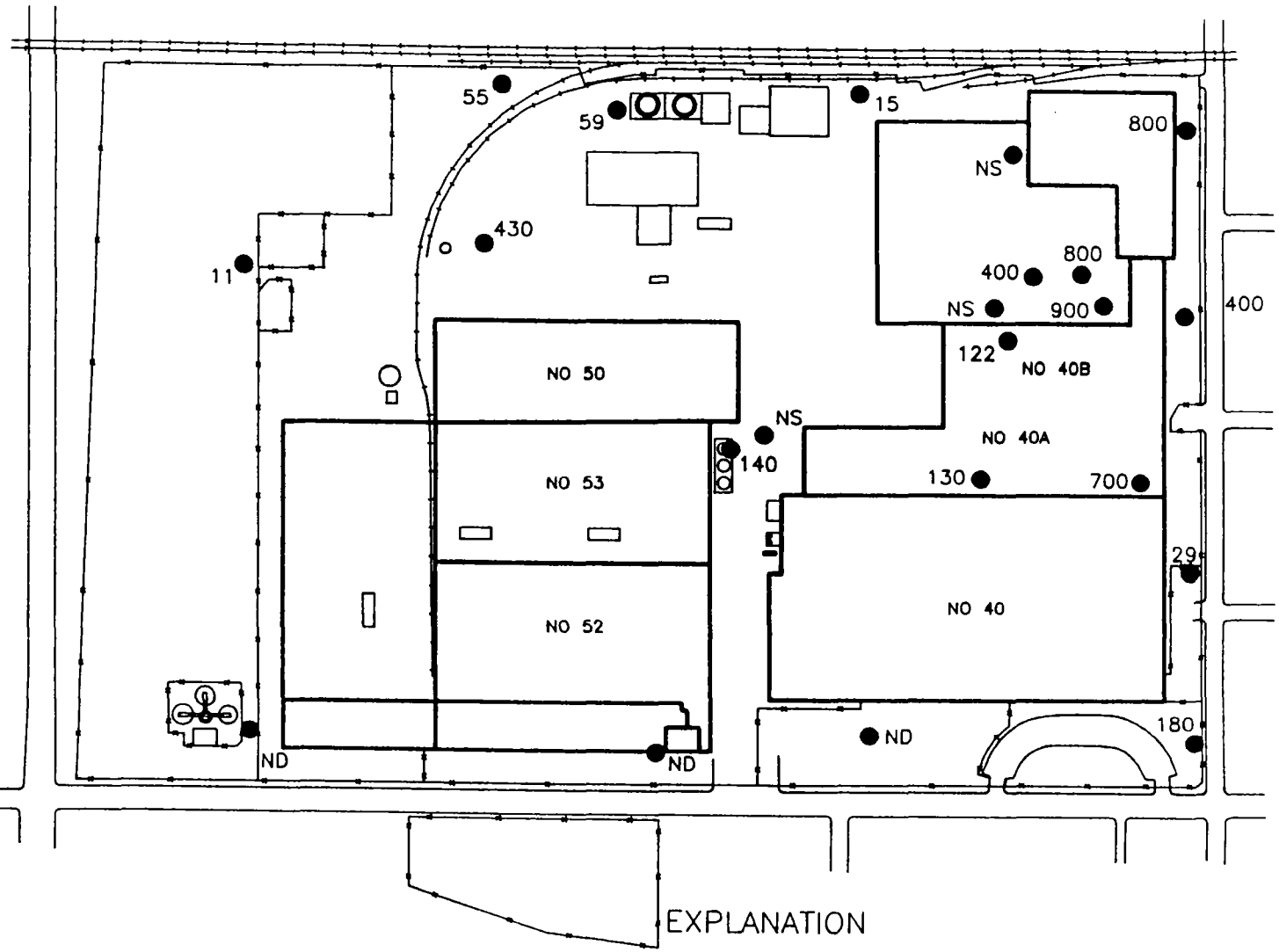
TRICHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER HEADSPACE COLLECTED AT 25' USING RECON SM

ACUSTAR
DAYTON, OHIO
423023

FIGURE 20

John Mathes & Associates, Inc.

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SG 5-20-91	9/20/91



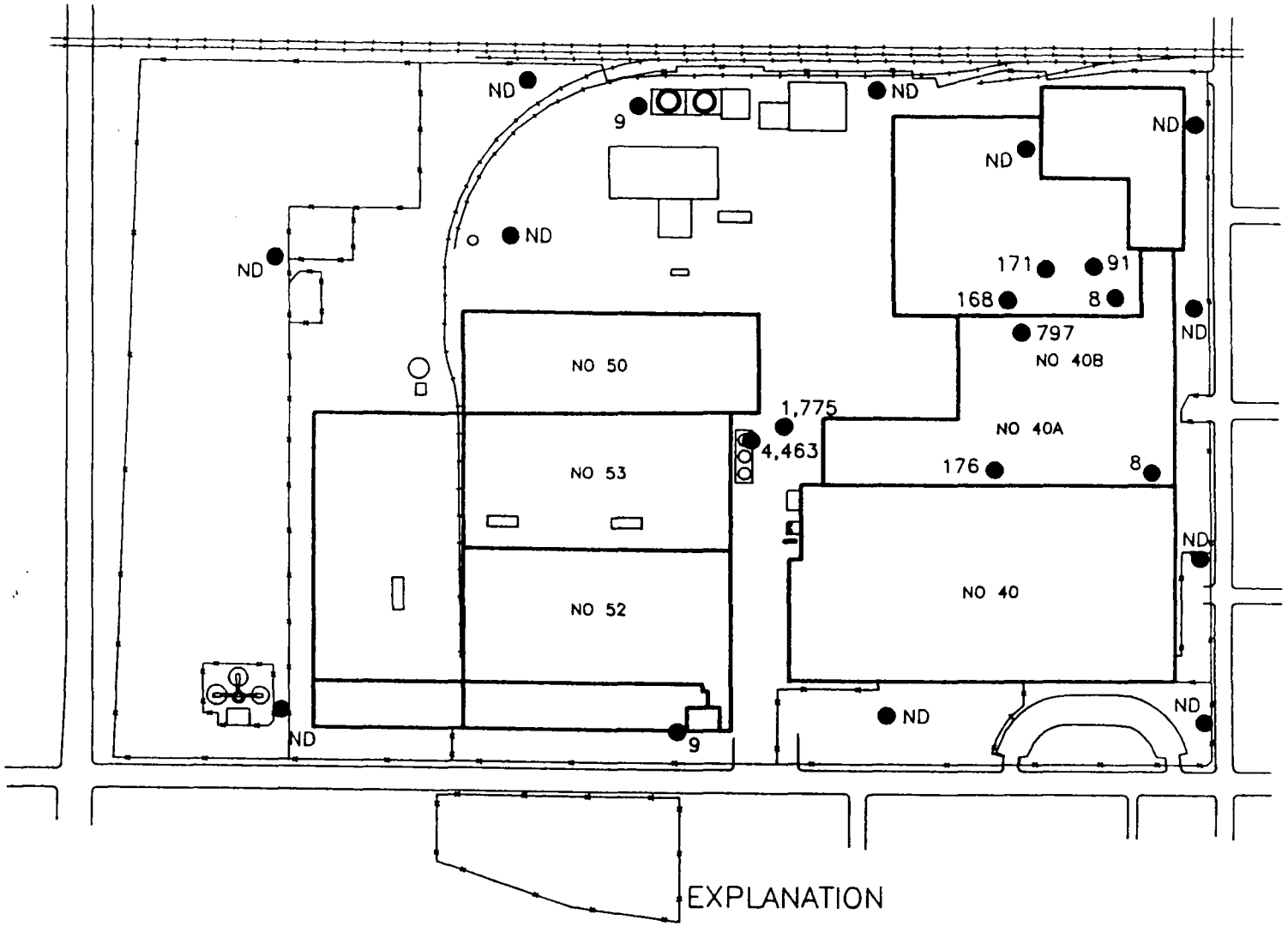
John Mathes & Associates, Inc.

TRICHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 21

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	T&M 5-17-91	PTS 5/17/91	SB 5-20-91	5/20/91



0 300 600
SCALE IN FEET

N

● 4,463 APPROXIMATE SOIL GAS PROBE HOLE LOCATION WITH 1,1,1-TRICHLOROETHANE CONCENTRATION IN ug/L (8 – 10 FEET)

NOTE: Soil gas samples from PH-04 were collected at 13.5 to 14.5 feet.

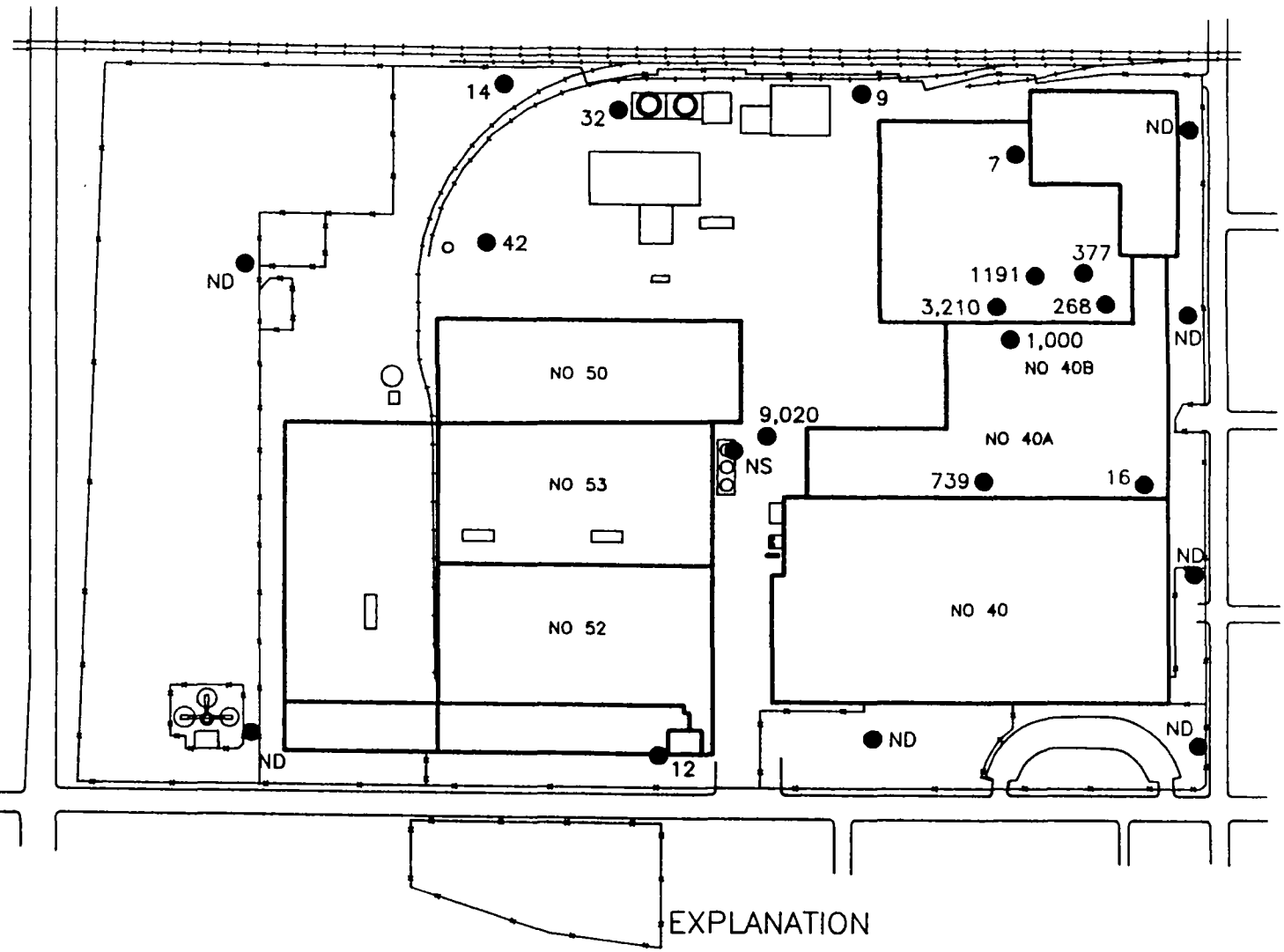
ACUSTAR
DAYTON, OHIO
423023

FIGURE 22

1,1,1-TRICHLOROETHANE CONCENTRATION IN SOIL GAS (RECON SM) AT 8' – 10' (ug/L)

John Mathes & Associates, Inc.

REV. 5/15/91 | DRAWN BY 5-17-91 | CHECKED BY 5/17/91 | DOCUMENT MANAGER 5-20-91 | PROJECT MANAGER 5/20/91



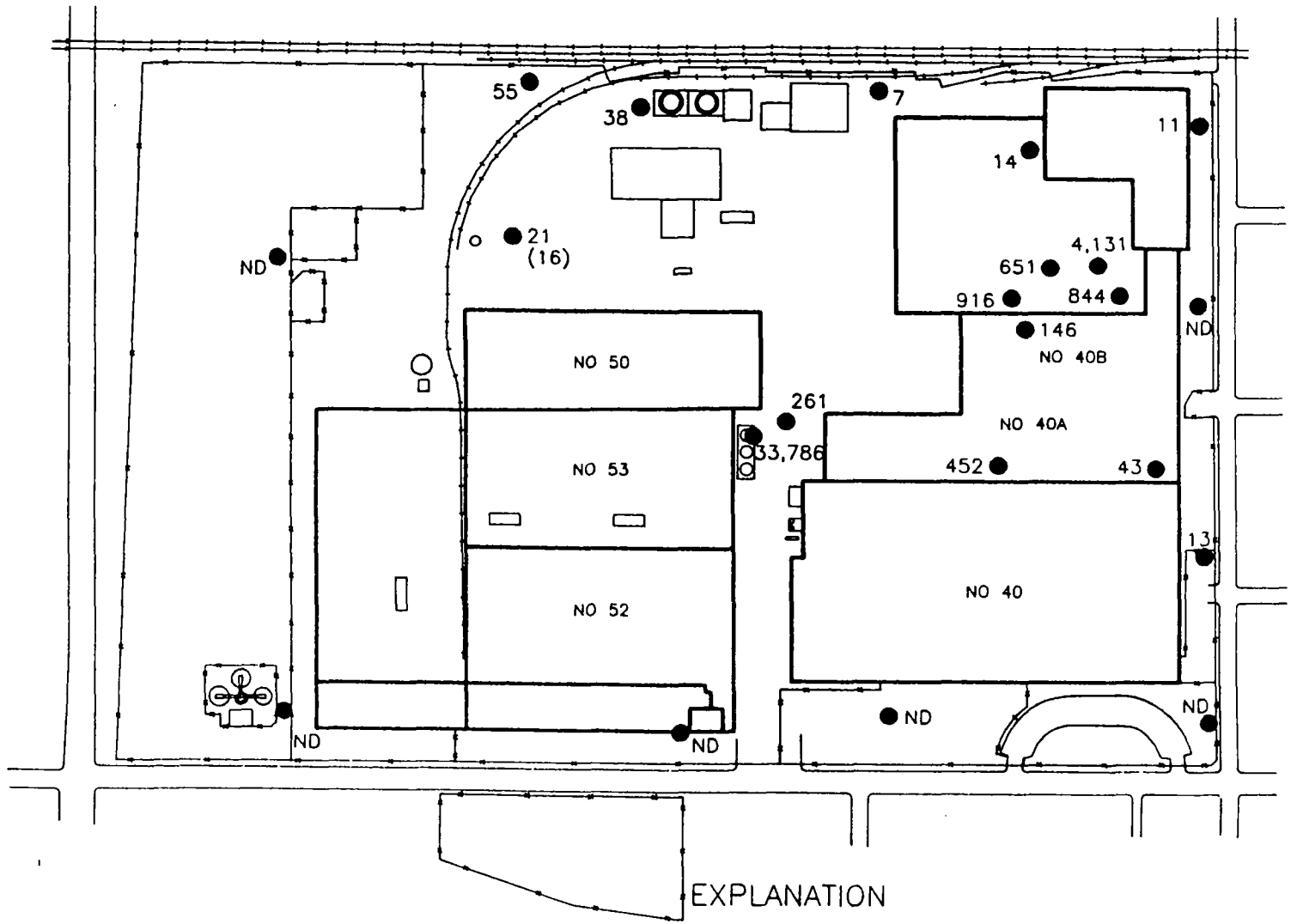
John Mathes & Associates, Inc.

1,1,1-TRICHLOROETHANE CONCENTRATION IN SOIL GAS (RECON SM) AT 19' - 20' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 23

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	DTS 5/17/91	86 5-20-91	5/20/91



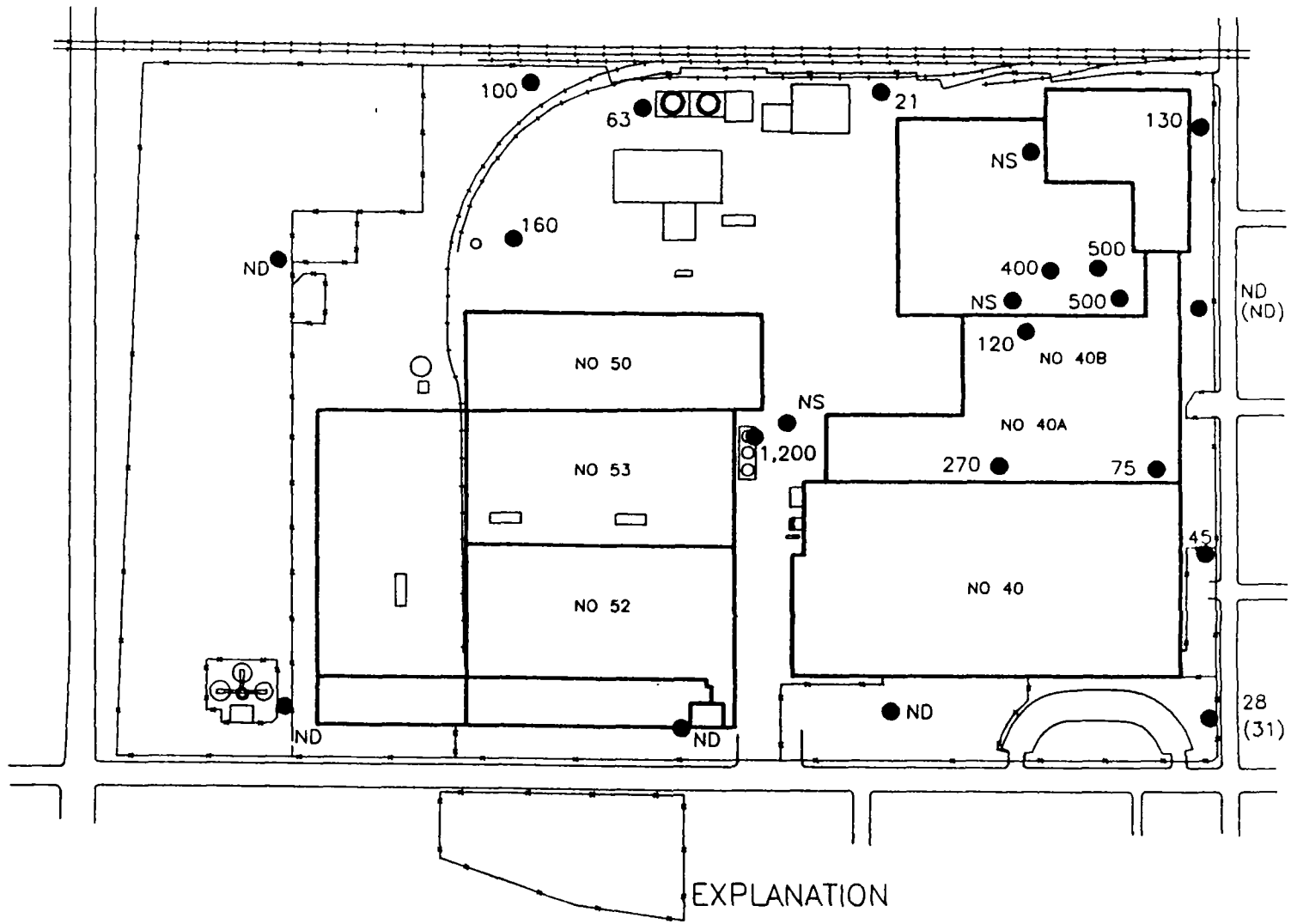
John Mathes & Associates, Inc.

1,1,1-TRICHLOROETHANE CONCENTRATION (ug/L) IN GROUNDWATER HEADSPACE COLLECTED AT 25' USING RECON℠

ACUSTAR
DAYTON, OHIO
423023

FIGURE 24

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SC 5/20/91	5/21/91



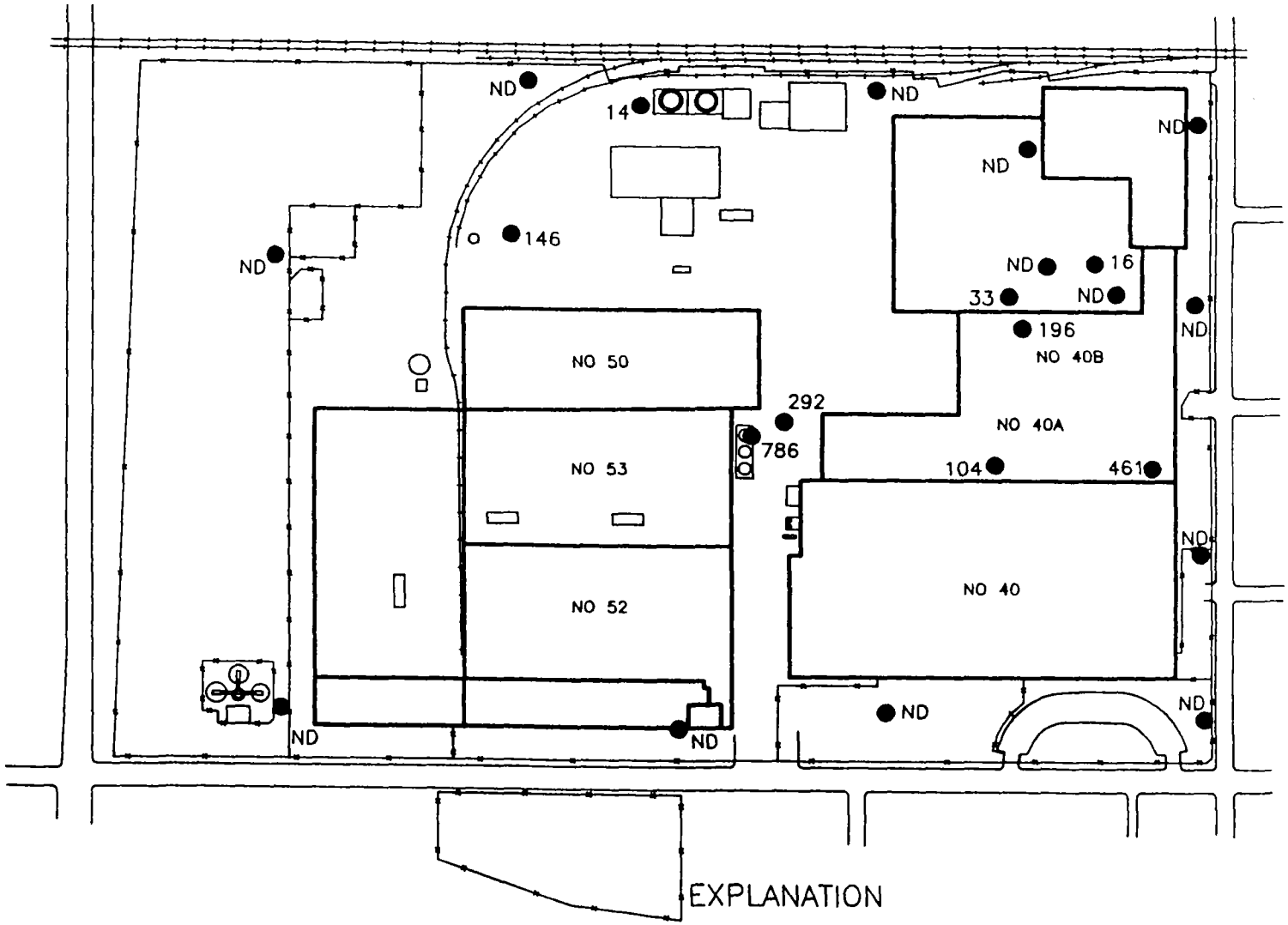
John Mathes & Associates, Inc.

1,1,1-TRICHLOROETHANE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 25

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	5-17-91	5/17/91	5-20-91	5/20/91



NOTE: Soil gas samples from PH-04 were collected at 13.5 to 14.5 feet.

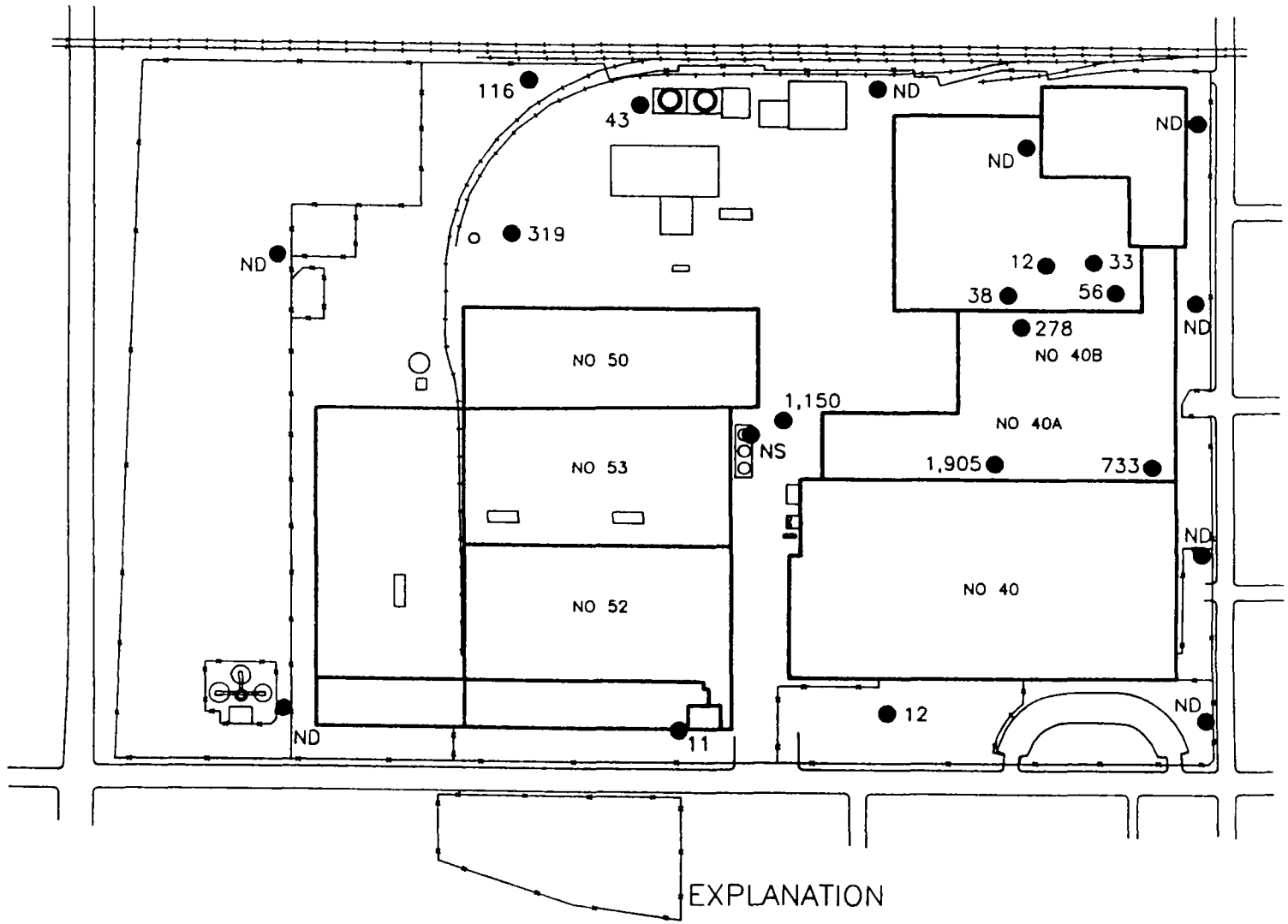
TETRACHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 8'- 10' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 26

John Mathes & Associates, Inc.

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	JG 5-20-91	JF 5/20/91



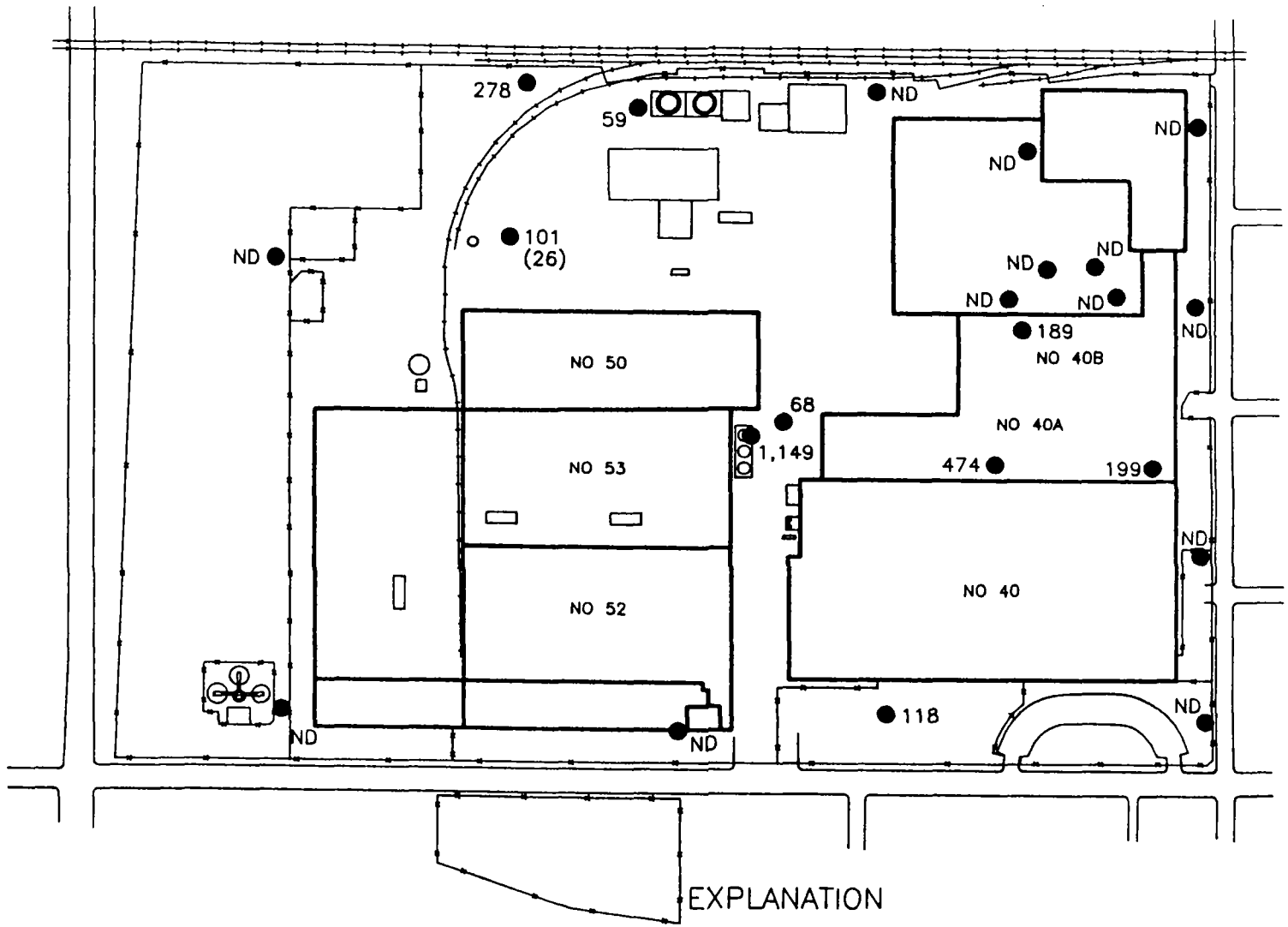
John Mathes & Associates, Inc.

TETRACHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 19'– 20' (ug/L)

ACUSTAR DAYTON, OHIO 42303

FIGURE 27

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SG 5-20-91	5/20/91



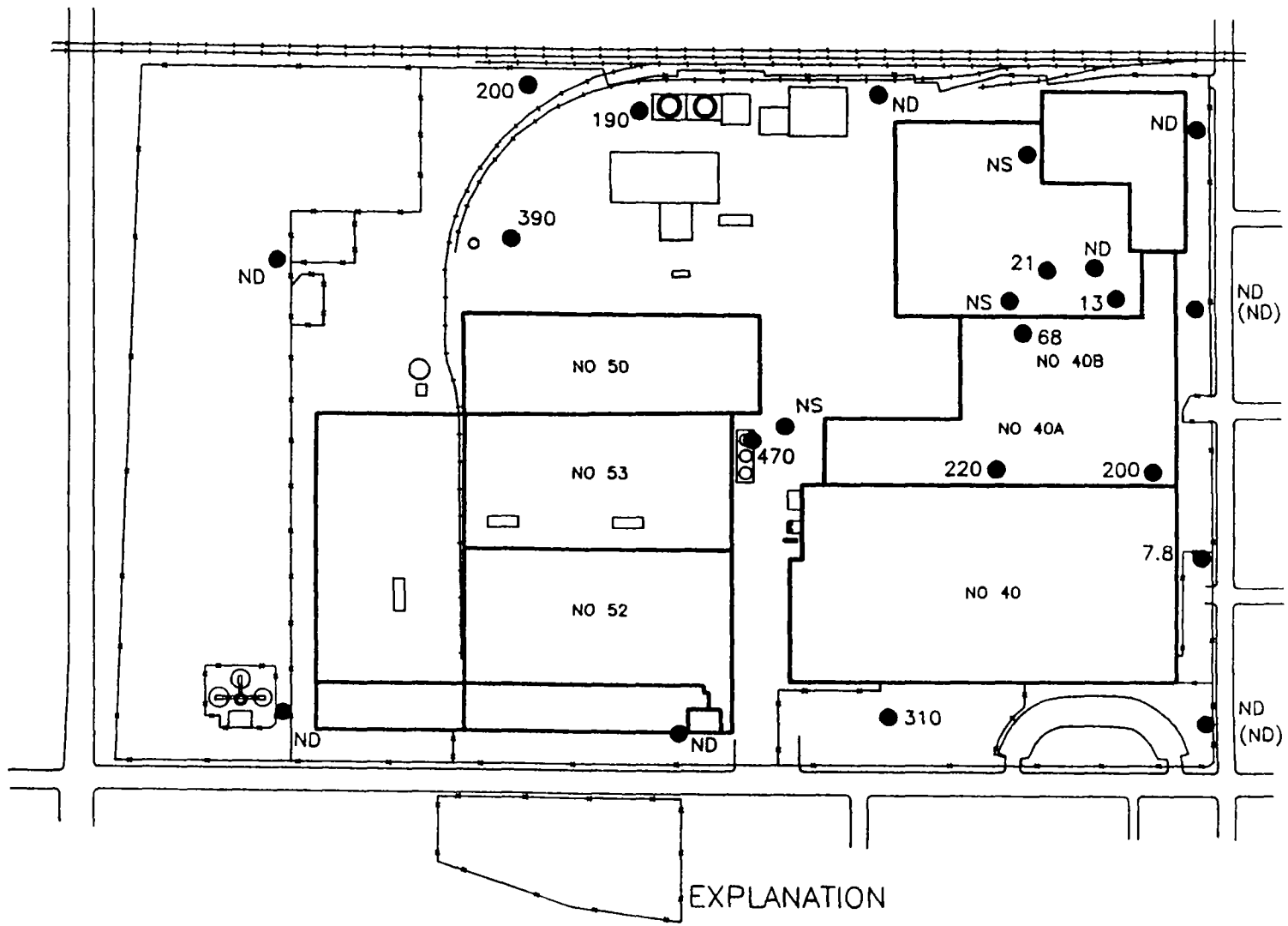
John Mathes & Associates, Inc.

TETRACHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER HEADSPACE COLLECTED AT 25' USING RECON SM

ACUSTAR
DAYTON, OHIO
423023

FIGURE 28

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SG 5-20-91	5/20/91



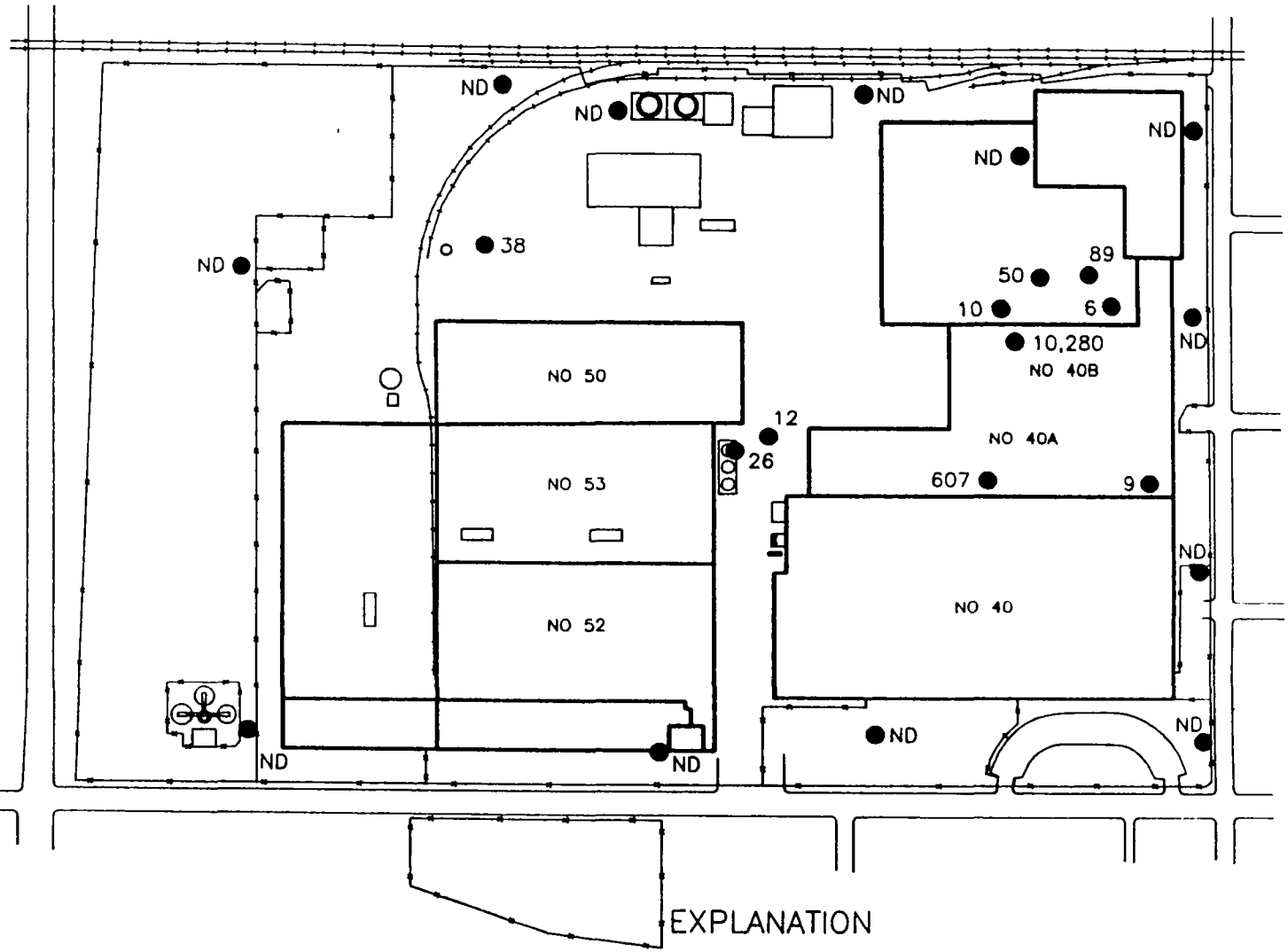
TETRACHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 29

John Mathes & Associates, Inc.

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TAM 5-17-91	PTS 5/17/91	S6 5-20-91	5/20/91



NOTE: Soil gas samples from PH-04 were collected at 13.5 to 14.5 feet.

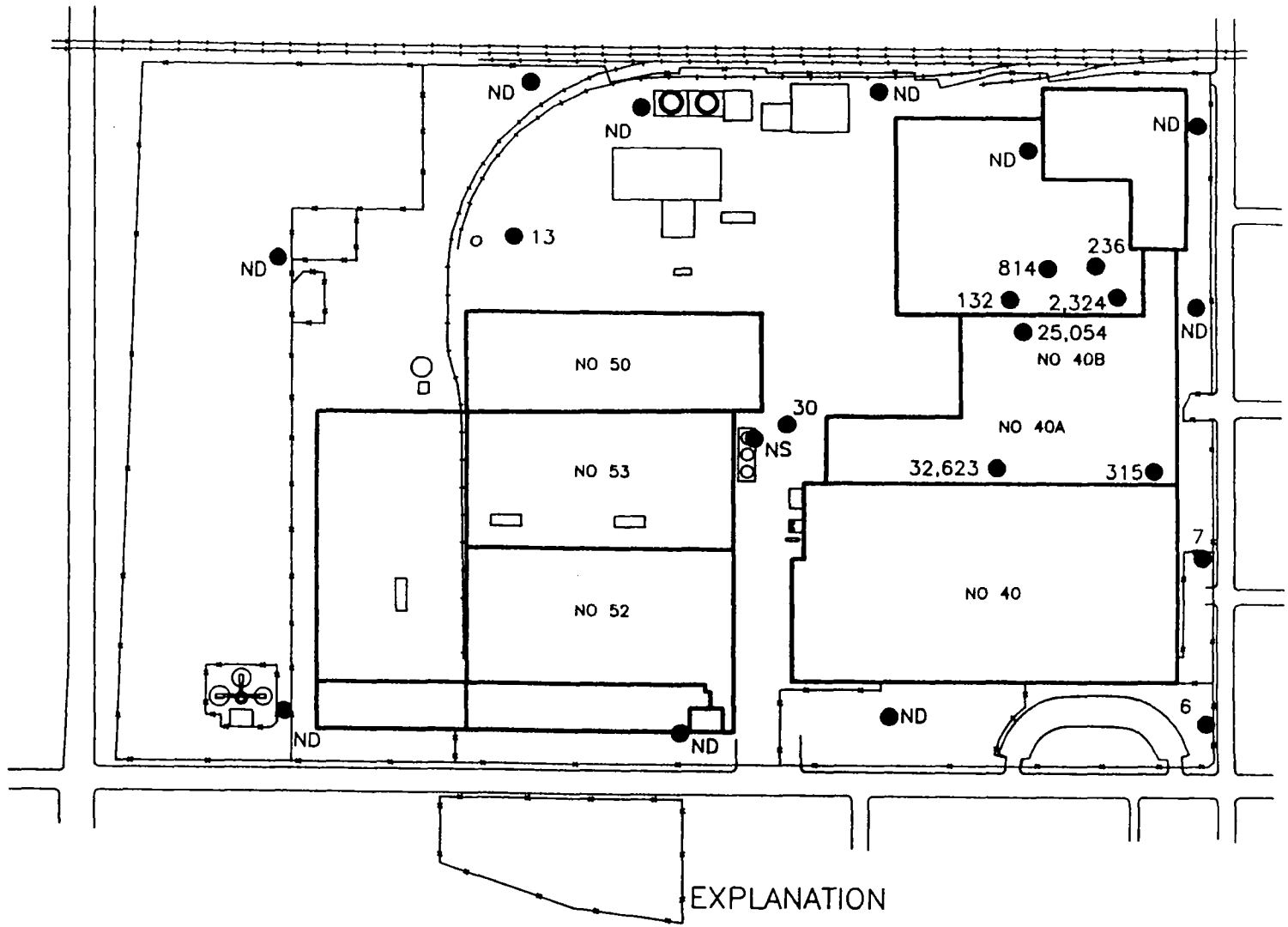
John Mathes & Associates, Inc.

1,1-DICHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 8' - 10' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 30

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SG 5-20-91	5/20/91



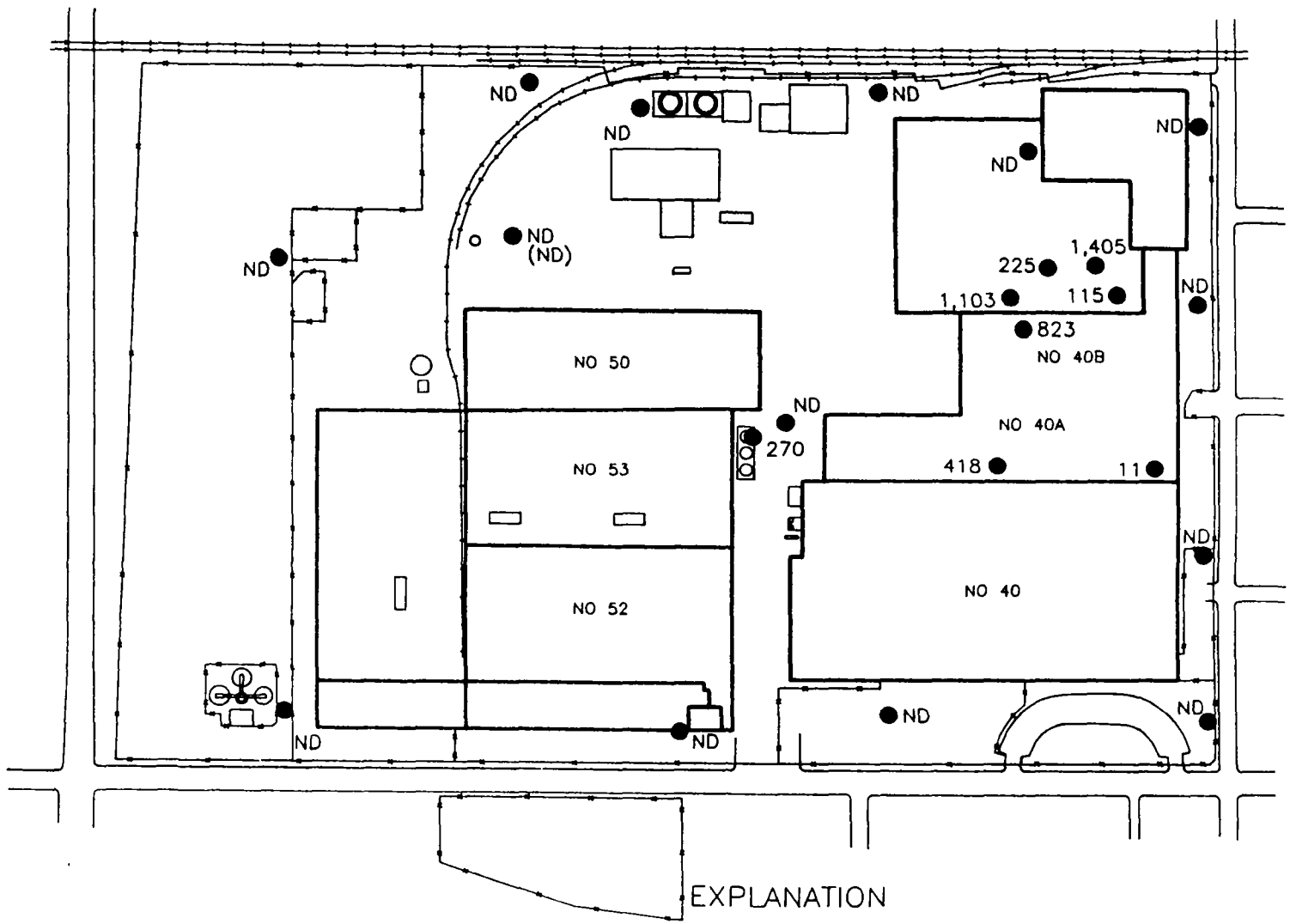
John Mathes & Associates, Inc.

1,1 DICHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 19' - 20' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 31

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SB 5 20 91	JP 5/20/91



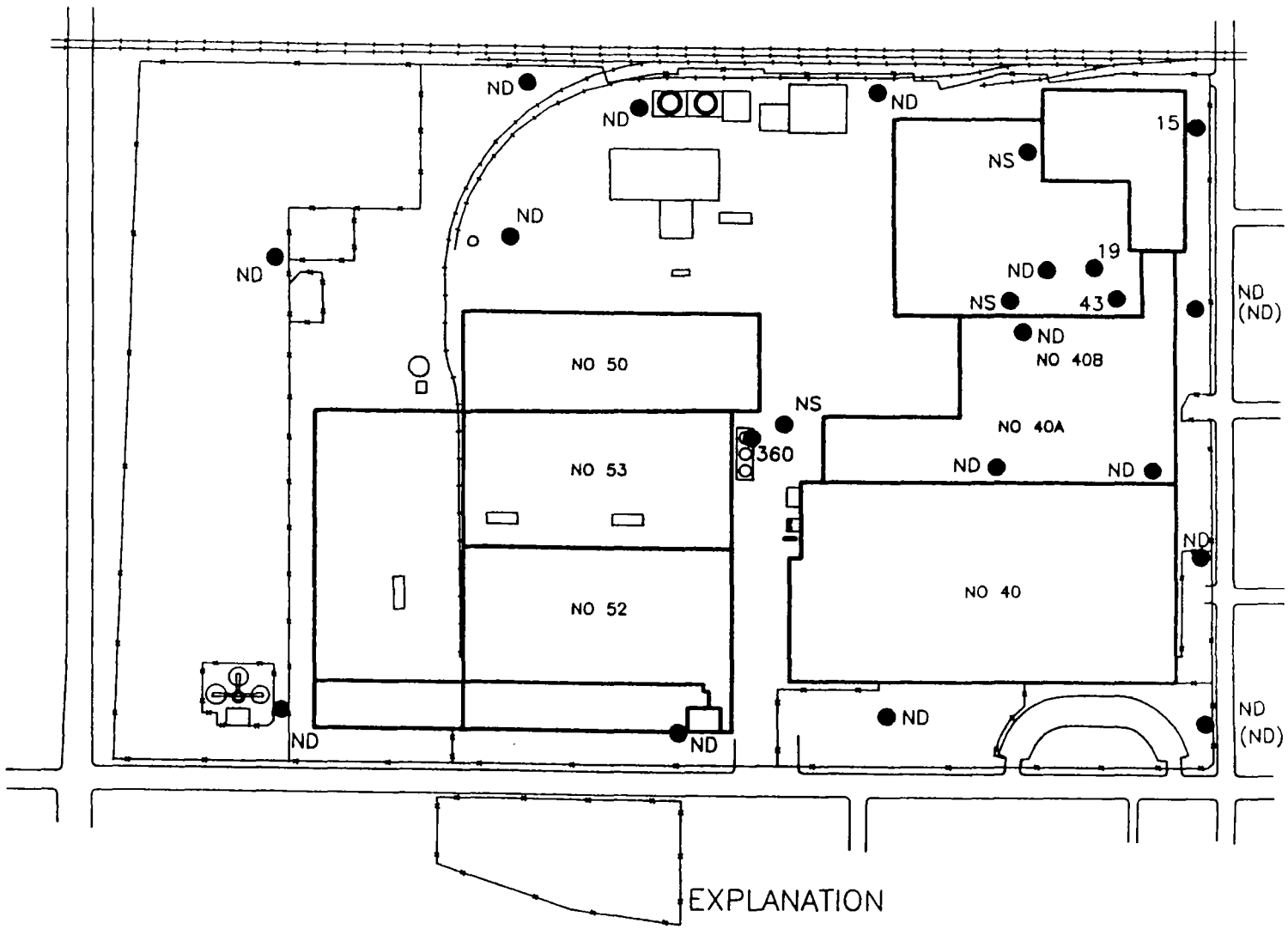
John Mathes & Associates, Inc.

1,1-DICHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER HEADSPACE COLLECTED AT 25' USING RECON℠

ACUSTAR
DAYTON, OHIO
423023

FIGURE 32

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	IMM 5-17-91	DTS 5/17/91	86 5-20-91	5/20/91



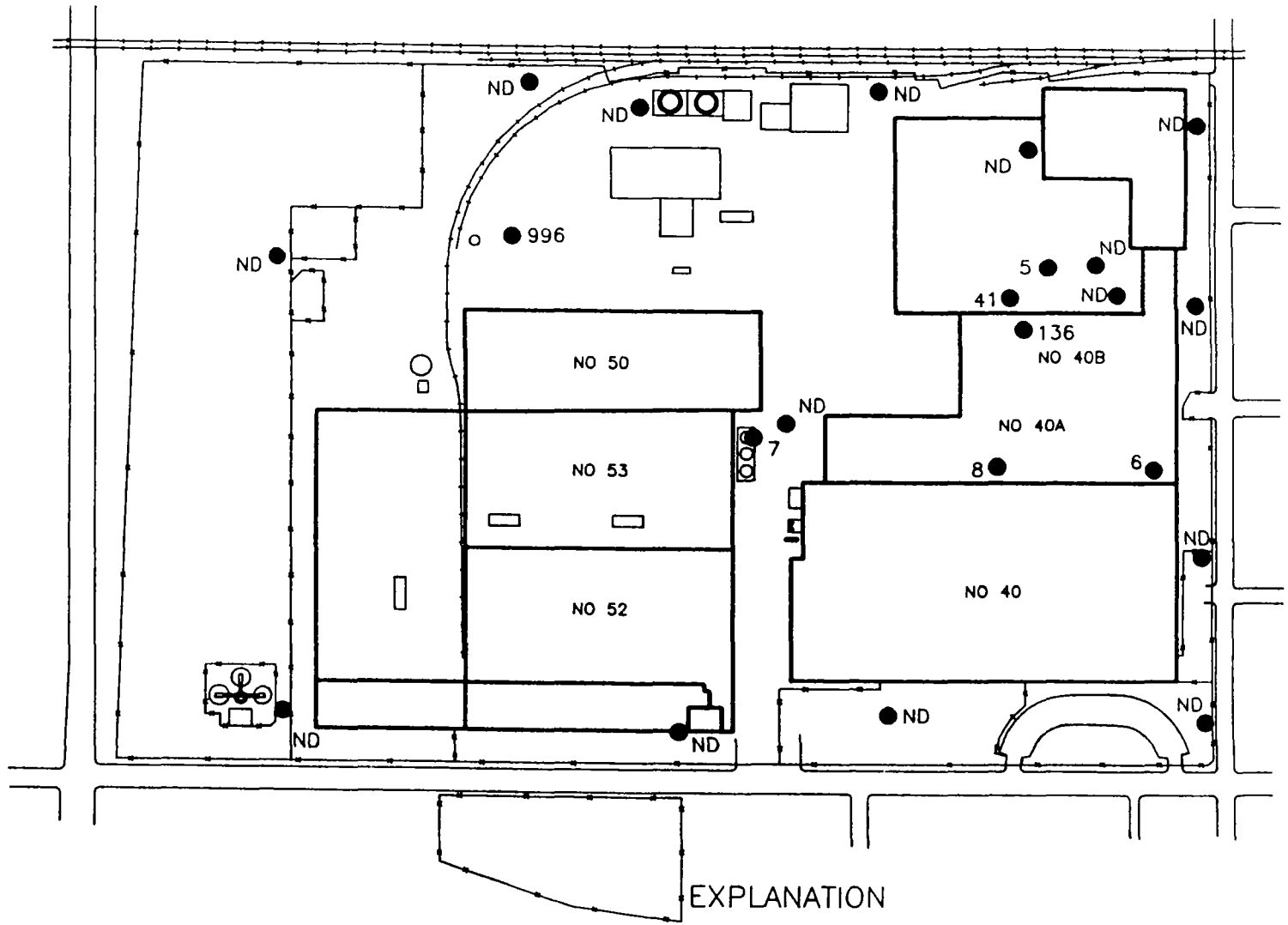
John Mathes & Associates, Inc.

1,1-DICHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 33

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
5/15/91 B	TMM 5-17-91	PTS 5/17/91	S6 5-20-91	5/20/91



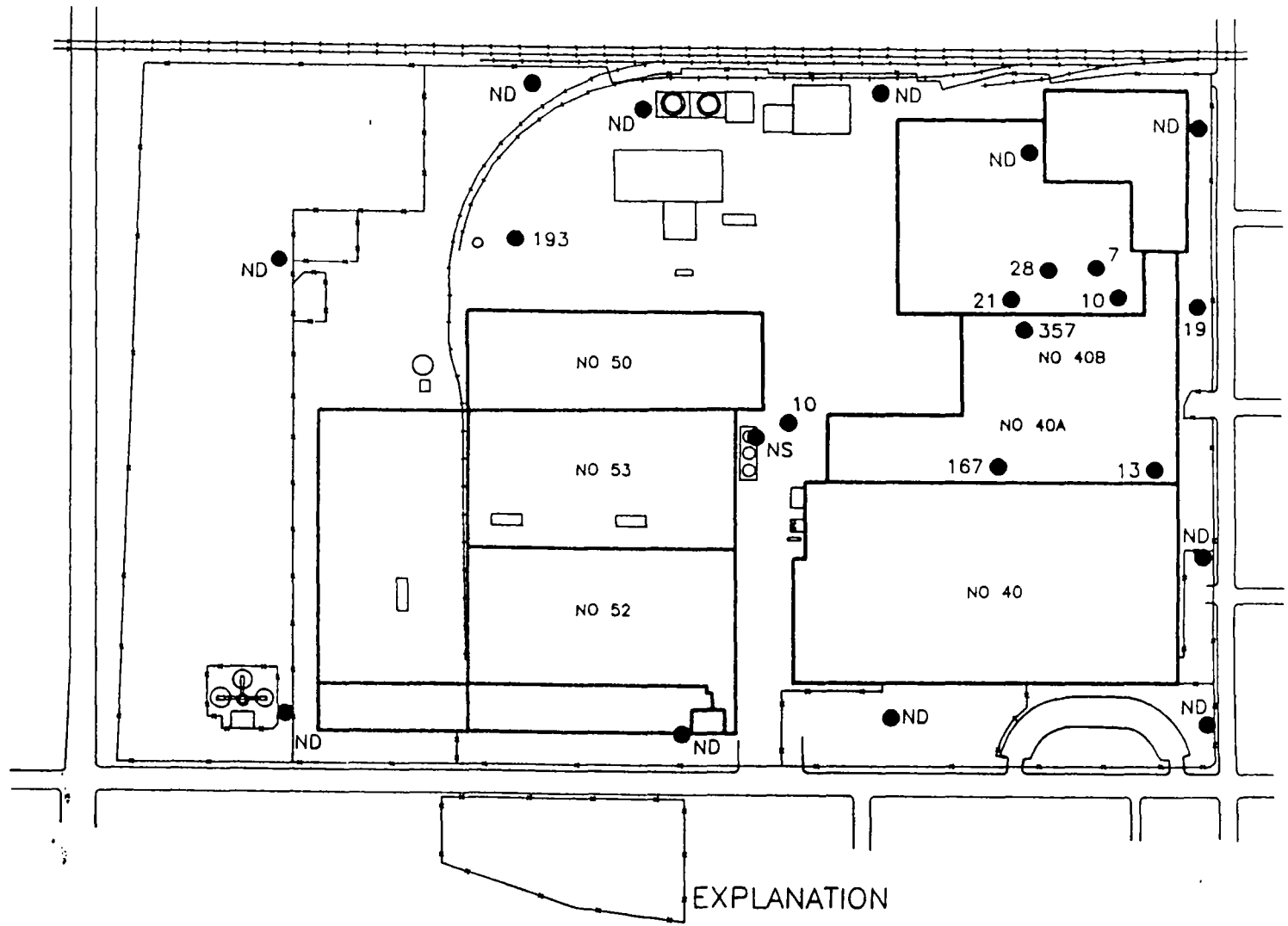
John Mathes & Associates, Inc.

CIS-1,2-DICHLOROETHENE CONCENTRATION IN SOIL GAS (RECON SM) AT 8'- 10' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 34

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	36 5-20-91	5/21/91



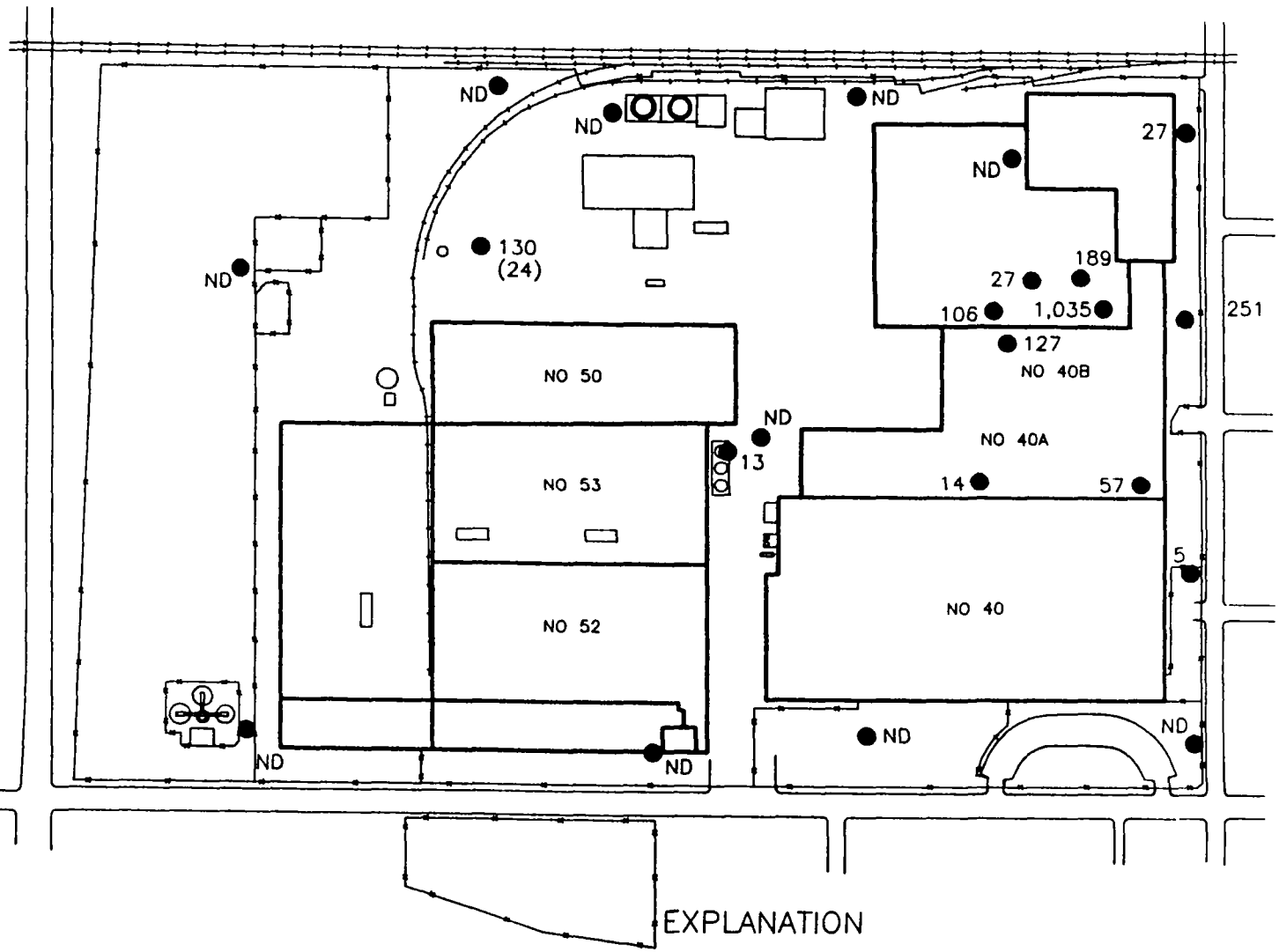
John Mathes & Associates, Inc.

CIS-1,2-DICHLOROETHENE CONCENTRATION IN SOIL GAS (RECON^{SM}) AT 19' - 20' (ug/L)

ACUSTAR
DAYTON, OHIO
423023

FIGURE 35

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	SL 5-20-91	5/20/91



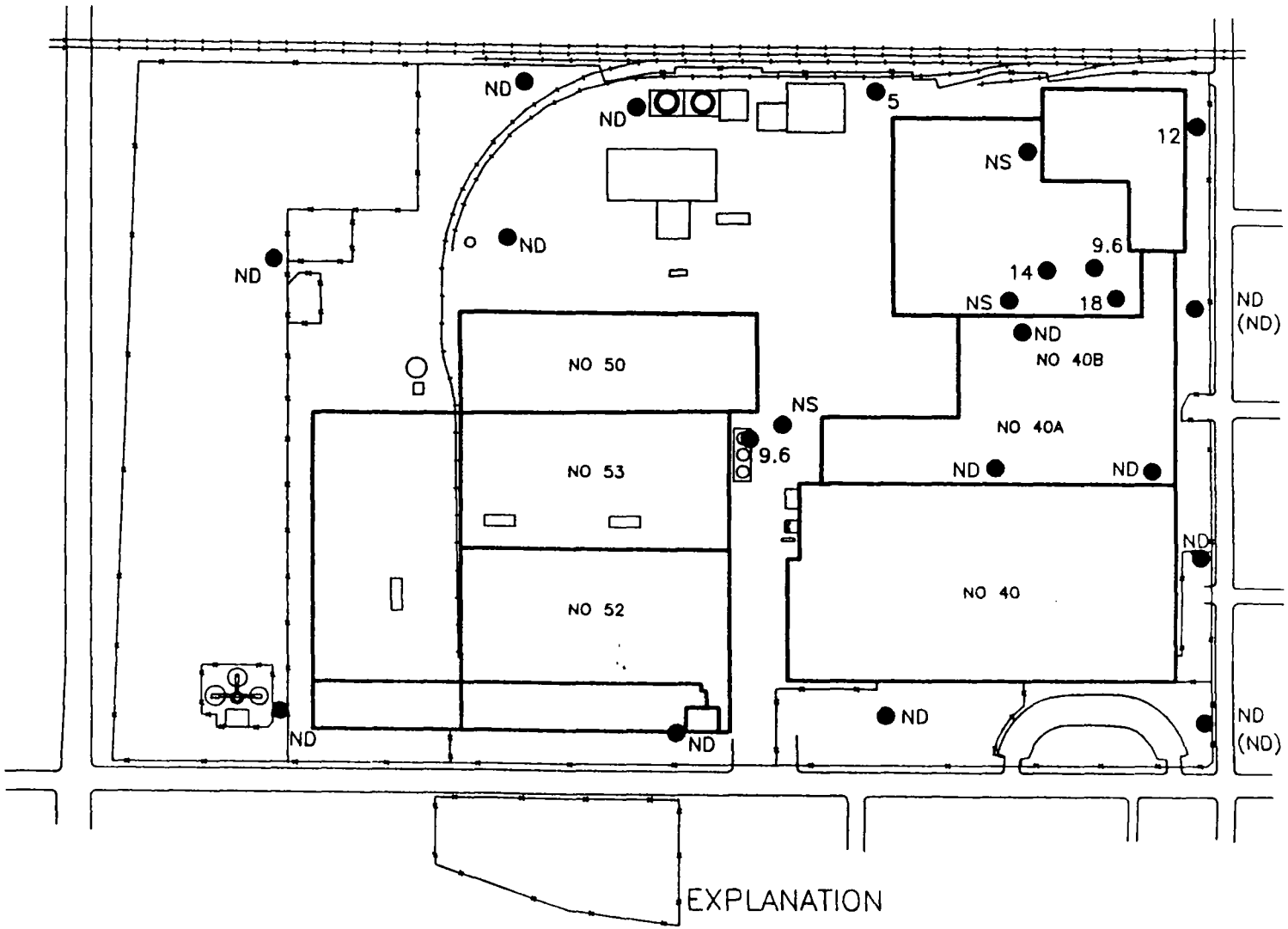
John Mathes & Associates, Inc.

CIS-1,2-DICHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER HEADSPACE COLLECTED AT 25' USING RECON℠

ACUSTAR
DAYTON, OHIO
423023

FIGURE 36

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	5-17-91	PTS 5/17/91	26 5-20-91	5/20/91



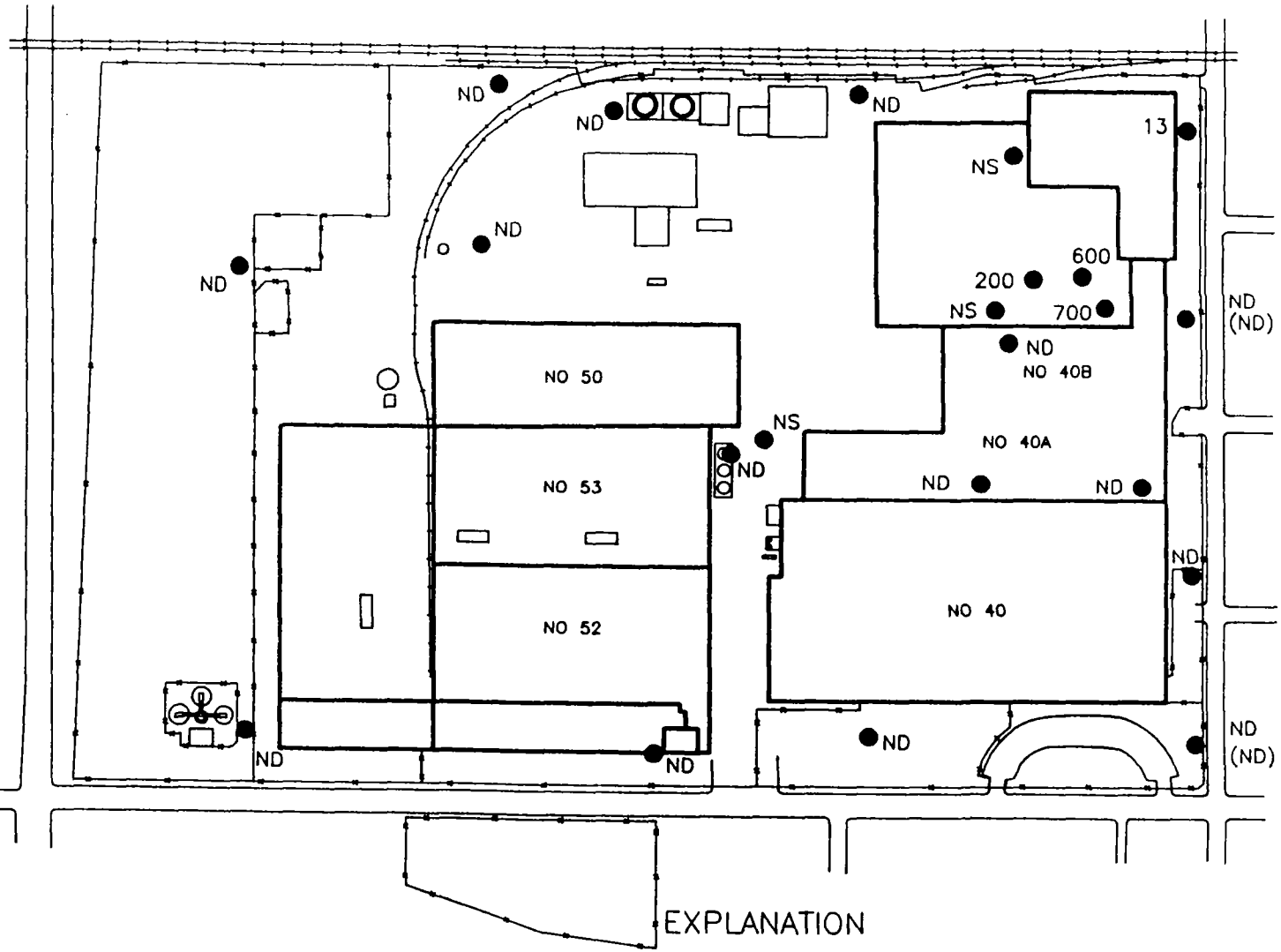
John Mathes & Associates, Inc.

1,1,2-TRICHLOROETHANE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 37

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	5-17-91	5/17/91	5-20-91	5/22/91



0 300 600
SCALE IN FEET

N

● 29 APPROXIMATE RECON[SM] GROUNDWATER SAMPLE LOCATION AND COMPOUND CONCENTRATION IN ug/L

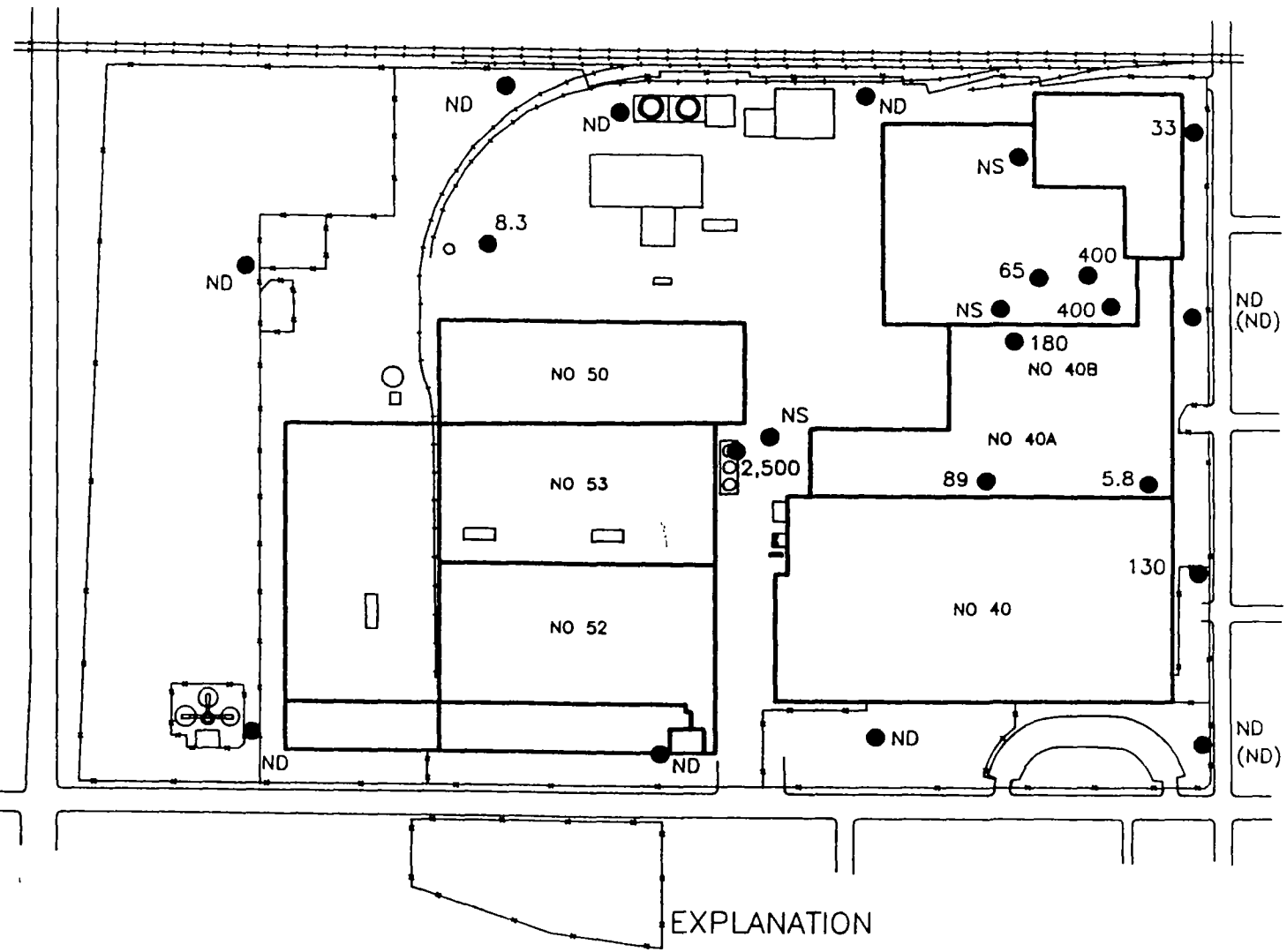
John Mathes & Associates, Inc.

TRANS-1,2-DICHLOROETHENE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 38

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	5-17-91	5/17/91	5-20-91	5/20/91



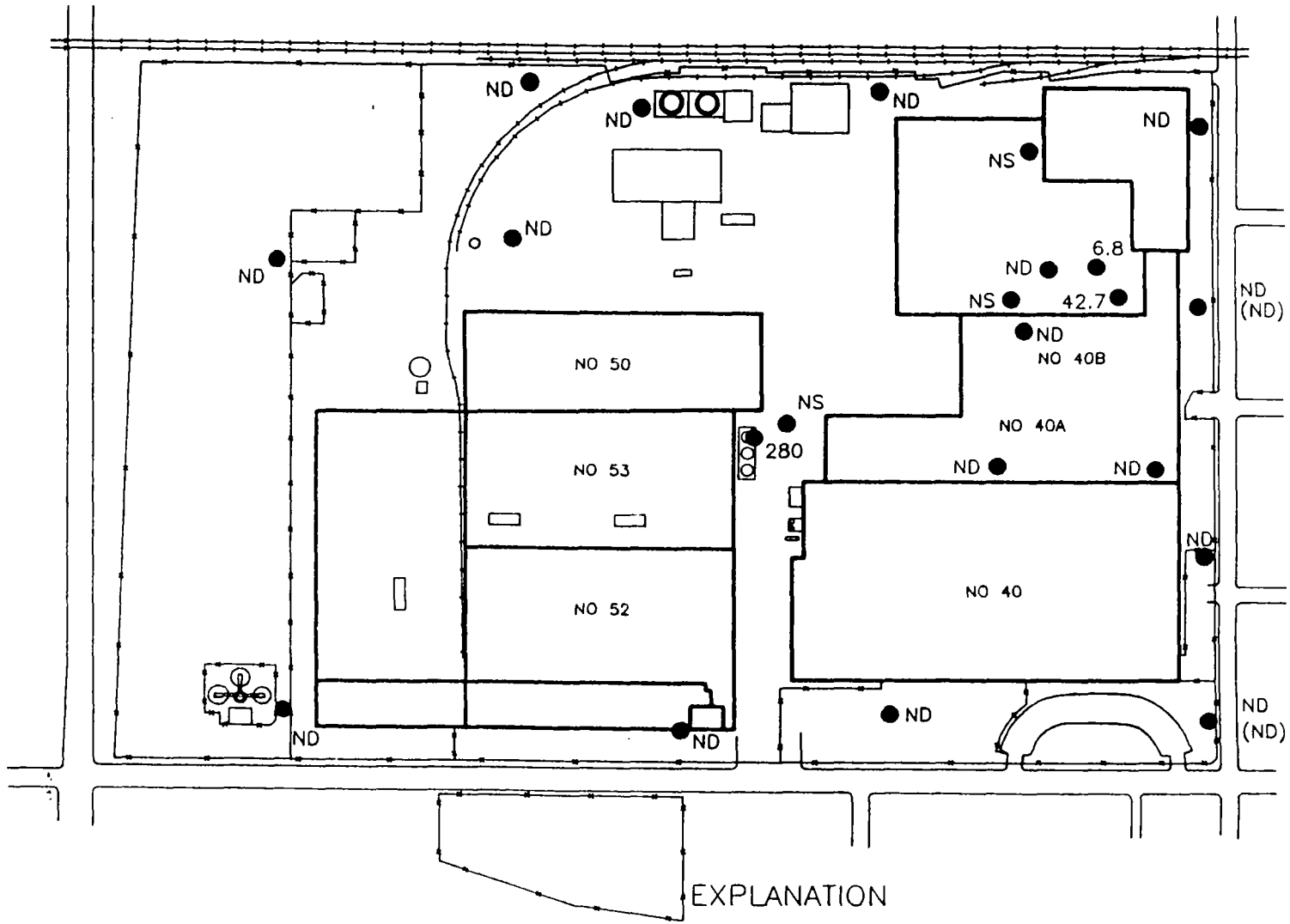
John Mathes & Associates, Inc.

1,1-DICHLOROETHANE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 39

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/15/91	TMM 5-17-91	PTS 5/17/91	26 5-20-91	5/20/91



0 300 600
SCALE IN FEET

N

● 29 APPROXIMATE RECON[SM] GROUNDWATER SAMPLE LOCATION AND COMPOUND CONCENTRATION IN ug/L

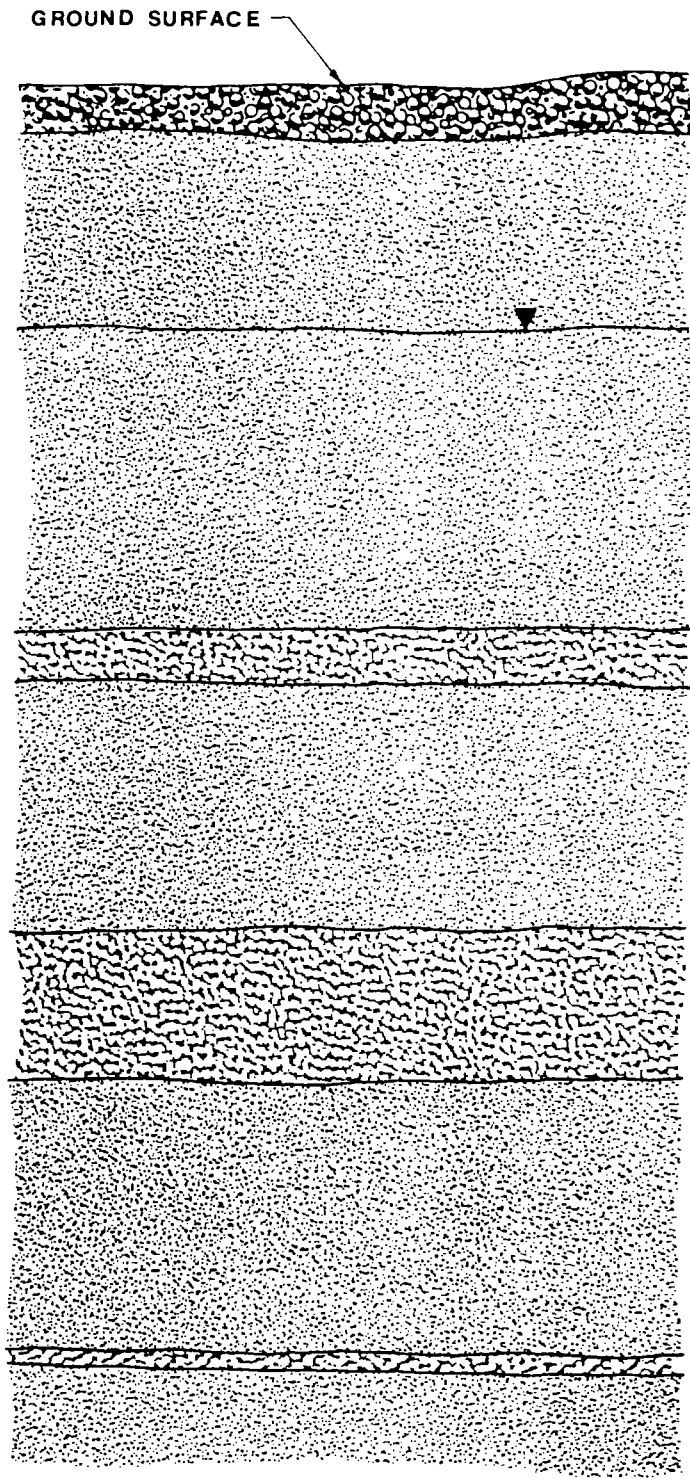
John Mathes & Associates, Inc.

1,2-DICHLOROETHANE CONCENTRATION (ug/L) IN GROUNDWATER

ACUSTAR
DAYTON, OHIO
423023

FIGURE 40

PROJECT MANAGER		5/20/91
DOCUMENT MANAGER	S6	5-20-91
CHECKED BY	DTS	5/17/91
DRAWN BY		5-17-91



SCALE IN FEET

N

Stratigraphy conceptualized from Building 50 Water Supply Well Boring Log.

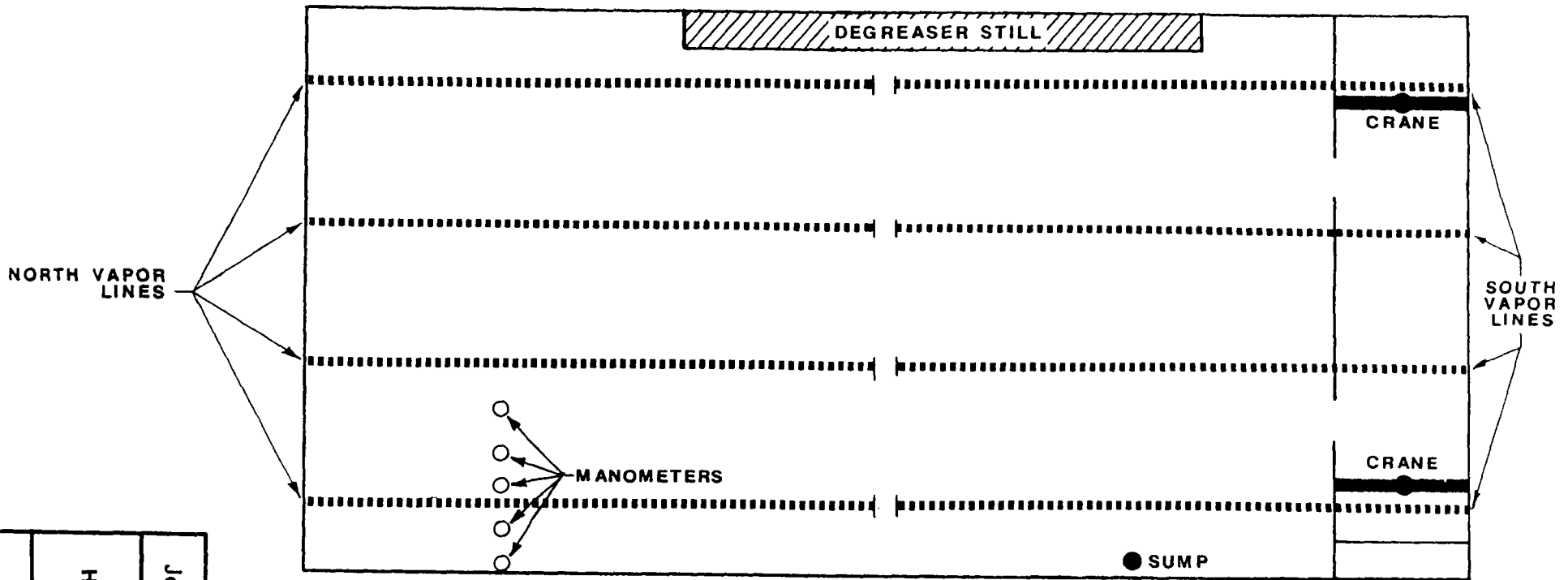
John Mathes & Associates, Inc.

CONCEPTUAL SUBSURFACE CONDITIONS DAYTON THERMAL PRODUCTS PLANT

ACUSTAR
DAYTON, OHIO
423023

FIGURE 41

DRAWN BY	TMM 5-17-91	CHECKED BY	PTS 5/17/91	DOCUMENT MANAGER	SG 5-20-91	PROJECT MANAGER	5/20/91



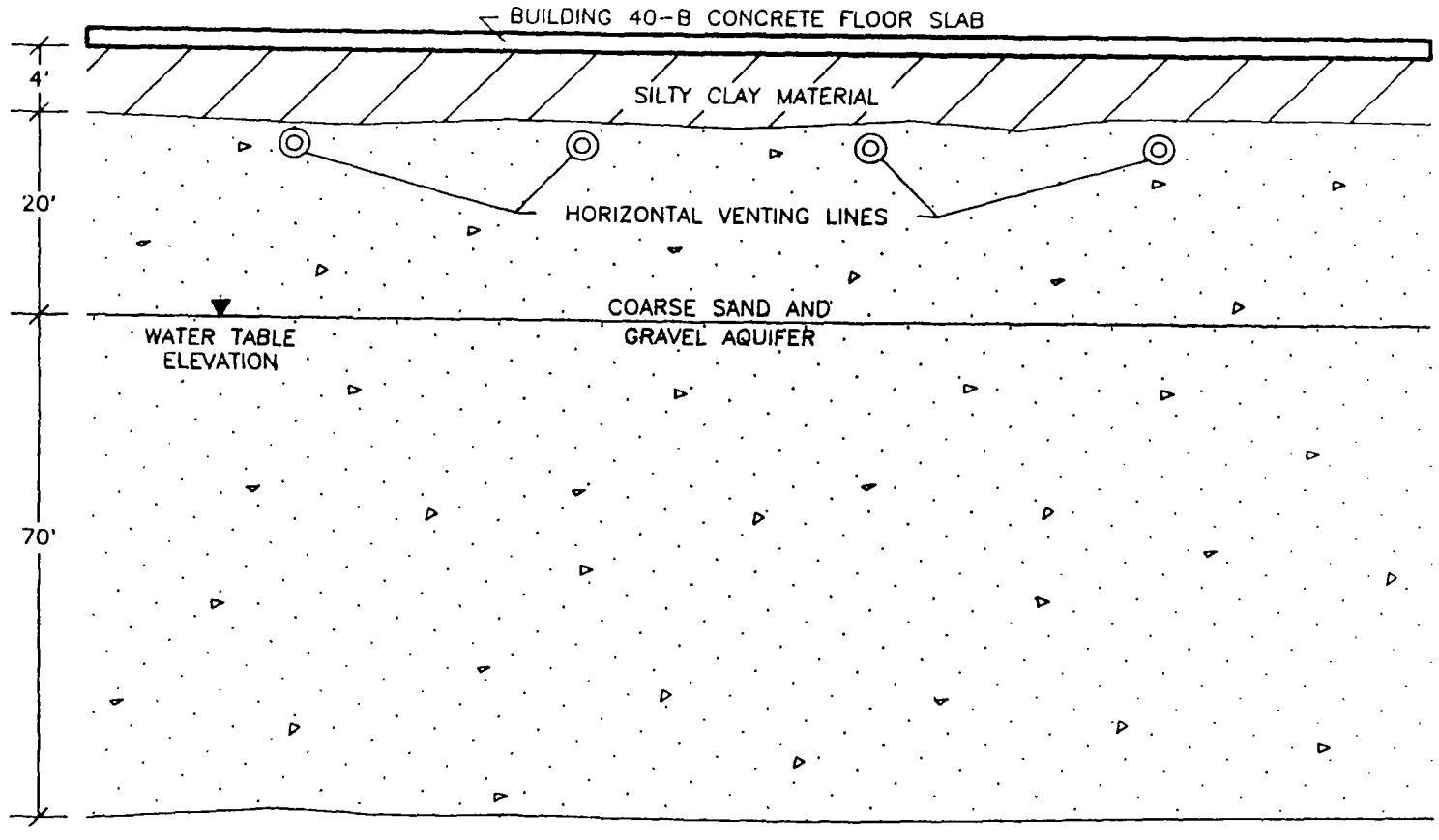
PROPOSED LOCATIONS FOR HORIZONTAL VAPOR REMOVAL LINES IN BUILDING 40-B

ACUSTAR DAYTON, OHIO 423023

FIGURE 42

John Mathes & Associates, Inc.

REV.	DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
D	5/2/91	IMM 5-17-91	DTS 5/17/91	SG 5-20-91	5/20/91



NOT TO SCALE

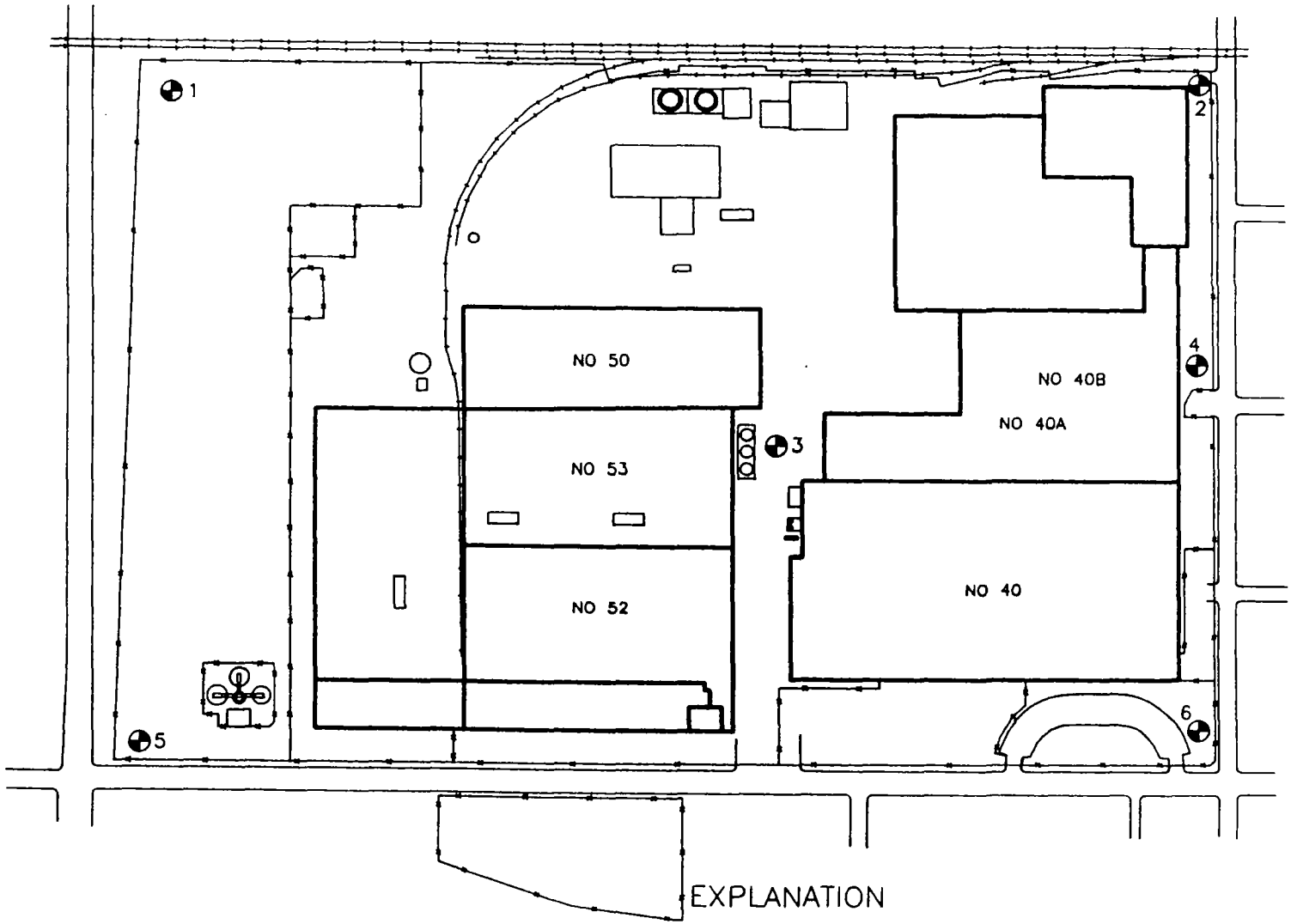
John Mathes & Associates, Inc.

CROSS SECTIONAL DIAGRAM
OF PROPOSED VENTING
SYSTEM

ACUSTAR
DAYTON, OHIO
423023

FIGURE 43

REV. DATE	DRAWN BY	CHECKED BY	DOCUMENT MANAGER	PROJECT MANAGER
B 5/16/91	5-17-91	5/17/91	5-20-91	5/20/91



John Mathes & Associates, Inc.

PROPOSED LOCATIONS OF DEEP SOIL TEST BOREHOLES AND INITIAL MONITORING WELLS

ACUSTAR
DAYTON, OHIO
423023

FIGURE 44

APPENDIX B

Tables

Table 1

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
Blank-01	---	---	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	QC System Blank
Blank-02	---	---	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	QC Rod Blank
DSG-01	PH-01	3-4	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	Soil Gas
DSG-02	PH-01	7.5-8.5	10	ND(1)	41	168	130	33	Soil Gas
DSG-03	PH-01	13.5-14.5	41	35	20	1013	176	26	Soil Gas
DSG-04	PH-01	19-20	132	ND(1)	21	3210	388	38	Soil Gas
DSG-05	PH-01	24-25	8	ND(1)	24	255	66	40	Soil Gas
DGW-06	PH-01	28-30	1103	ND(1)	106	916	52	ND(2)	Groundwater Headspace (D)
DSG-07	PH-02	3-4	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	Soil Gas
DSG-08	PH-02	7.5-8.5	6	ND(1)	ND(1)	8	15	ND(2)	Soil Gas
DSG-09	PH-02	13.5-14.5	284	ND(1)	ND(1)	134	204	33	Soil Gas
Blank-03	---	---	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	QC System Blank
DSG-10	PH-02	19-20	2324	ND(1)	10	268	385	56	Soil Gas
DSG-10D	PH-02	19-20	2315	ND(1)	10	267	382	54	QC Duplicate (SG)
DSG-11	PH-02	24-25	17	ND(1)	ND(1)	ND(1)	11	ND(2)	Soil Gas
Blank-04	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-05	---	--	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DGW-12	PH-02	29.5	115	13	1035	844	3226	ND(2)	Groundwater Headspace
DGW-12D	PH-02	29.5	122	16	1057	847	3343	ND(2)	QC Duplicate (GWHS)
DSG-13	PH-03	7.5-8.5	62	ND(1)	ND(1)	58	54	ND(2)	Soil Gas
DSG-14	PH-03	19-20	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DGW-15	PH-03	24-25	2665	ND(1)	305	3128	9150	ND(2)	Groundwater Headspace
DSG-16	PH-04	13.5-14.5	89	ND(1)	ND(1)	91	122	16	Soil Gas
DSG-17	PH-04	19-20	236	ND(1)	7	337	333	33	Soil Gas
DGW-18	PH-04	24-25	1405	ND(1)	189	4131	5652	ND(2)	Groundwater Headspace
Blank-06	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Blank
DGW-19	PH-04	29.5-30.5	782	ND(1)	215	3173	5128	ND(2)	Groundwater Headspace (D)
DSG-20	PH-05	7.5-8.5	ND(1)	ND(1)	ND(1)	ND(2)	15	ND(2)	Soil Gas
DSG-21	PH-05	19-20	ND(1)	ND(1)	ND(1)	7	29	ND(2)	Soil Gas
DGW-22	PH-05	24-25	ND(1)	ND(1)	ND(1)	14	87	ND(2)	Groundwater Headspace
Blank-07	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
Blank-08A	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-23	PH-06	7.5-8.5	50	ND(1)	5	171	370	ND(2)	Soil Gas
DSG-24	PH-06	19-20	814	ND(1)	28	1191	1687	12	Soil Gas
DGW-25	PH-06	24-25	225	ND(1)	27	651	816	ND(2)	Groundwater Headspace
DSG-26	Bay I-4A	1-2	144	14	209	ND(2)	714	186	Soil Gas
DSG-27	Bay I-4A	3-4	635	ND(1)	166	15	ND(2)	861	Soil Gas
DSG-28	Bay I-4A	6-7	1016	ND(1)	189	20	445	637	Soil Gas
DSG-29	Bay I-3A	1-2	15	ND(1)	219	ND(2)	84	15	Soil Gas
DSG-30	Bay K-2	1-2	110	ND(1)	76	52	627	ND(2)	Soil Gas
DSG-31	Bay I-3A	3-4	16	ND(1)	179	ND(2)	364	347	Soil Gas
Blank-08B	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
DSG-32	Bay K-2	3-4	10	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-32D	Bay K-2	3-4	10	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Duplicate (SG)
DSG-33	Bay K-2	6-7	126	ND(1)	214	100	968	ND(2)	Soil Gas
DSG-34	Bay I-3A	6-7	15	ND(1)	175	ND(2)	351	316	Soil Gas
DSG-34D	Bay I-3A	6-7	17	ND(1)	169	ND(2)	341	307	QC Duplicate (SG)
DSG-35	Bay I-3B	1-2	164	6	155	ND(2)	258	249	Soil Gas
DSG-36	Bay I-3B	3-4	154	ND(1)	163	ND(2)	301	243	Soil Gas
DSG-37	Bay I-3B	6-7	208	ND(1)	213	7	393	252	Soil Gas
Blank-09	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-10	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-11	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-38	PL-24	7.5-8.5	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-39	PL-24	19-20	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DGW-40	PL-24	20-24	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Groundwater Headspace
DGW-40D	PL-24	20-24	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Duplicate (GWHS)
DSG-41	Bay K-3	0-1	812	ND(1)	47	73	290	ND(2)	Soil Gas
DSG-42	Bay K-3	3-4	1076	ND(1)	105	167	528	ND(2)	Soil Gas
DSG-43	Bay K-3	6-7	1455	ND(1)	145	277	714	20	Soil Gas
DSG-44	PH-07	7.5-8.5	38	ND(1)	996	ND(1)	415	146	Soil Gas
DSG-45	PH-07	19-20	13	ND(1)	193	42	231	319	Soil Gas

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
DGW-46	PH-07	24-25	ND(1)	ND(1)	130	21	86	101	Groundwater Headspace
DSG-47	Bay K-4	0-1	6154	ND(1)	132	396	714	ND(2)	Soil Gas
DSG-48	Bay K-4	3-4	4683	ND(1)	67	381	631	21	Soil Gas
DSG-49	Bay K-4	6-7	7185	ND(1)	46	379	409	48	Soil Gas
Blank-12	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-13	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-14	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Ambient Blank
DSG-50	Bay K-5	0-1	258636	ND(1)	139	950	1516	14	Soil Gas
DSG-51	Bay K-5	3-4	153188	ND(1)	159	1792	3172	45	Soil Gas
DSG-52	Bay K-5	6-7	42530	ND(1)	45	574	733	35	Soil Gas
DSG-53	Bay G-1	0-1	23	ND(1)	ND(1)	ND(2)	52	150	Soil Gas
DSG-54	Bay G-1	3-4	11	ND(1)	4	11	130	451	Soil Gas
DSG-55	Bay G-1	6-7	5	ND(1)	5	6	94	378	Soil Gas
Blank-15	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
DSG-56	Bay K-6	0-1	3367	ND(1)	15	101	221	28	Soil Gas
DSG-57	Bay K-6	3-4	3210	ND(1)	5	68	166	12	Soil Gas
DSG-58	Bay K-6	6-7	3681	ND(1)	8	140	295	22	Soil Gas
DSG-59	Bay K-7	0-1	485	ND(1)	32	136	271	48	Soil Gas
DSG-60	Bay K-7	3-4	1251	ND(1)	30	452	643	54	Soil Gas
DSG-61	Bay K-7	6-7	1291	ND(1)	19	525	696	52	Soil Gas
DSG-62	Bay G-3	0-1	5	ND(1)	ND(1)	ND(2)	12	37	Soil Gas
DSG-63	Bay G-3	3-4	24	ND(1)	5	ND(2)	55	176	Soil Gas
DSG-63D	Bay G-3	3-4	26	ND(1)	5	ND(2)	59	171	QC Duplicate (SG)
DSG-64	Bay G-3	6-7	41	ND(1)	ND(1)	ND(2)	32	113	Soil Gas
DSG-65	Bay K-8	0-1	714	ND(1)	153	1238	1202	38	Soil Gas
DSG-66	Bay K-8	3-4	457	ND(1)	36	496	665	35	Soil Gas
DSG-67	Bay K-8	6-7	545	ND(1)	19	652	630	35	Soil Gas
DSG-68	Bay G-4	0-1	73	ND(1)	13	8	68	354	Soil Gas
DSG-69	Bay G-4	3-4	34	ND(1)	ND(1)	ND(2)	12	46	Soil Gas
DSG-70	Bay G-4	6-7	135	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
Blank-16	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
DSG-71	Bay K-9	0-1	176	ND(1)	27	70	156	ND(2)	Soil Gas
DSG-72	Bay K-9	3-4	60	ND(1)	47	63	54	14	Soil Gas
DSG-73	Bay K-9	6-7	146	ND(1)	285	481	268	48	Soil Gas
Blank-17	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-18	---	---	6	ND(1)	ND(1)	13	27	ND(2)	QC Rod Blank
Blank-18D	---	---	6	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-74	Bay G-5	0-1	52	ND(1)	ND(1)	ND(2)	10	54	Soil Gas
DSG-75	Bay G-5	3-4	154	ND(1)	4	ND(2)	16	72	Soil Gas
DSG-76	Bay G-5	6-7	210	ND(1)	5	ND(2)	10	52	Soil Gas
DSG-77	Bay G-6	3-4	127	ND(1)	ND(1)	ND(2)	8	37	Soil Gas
DSG-78	Bay G-6	0-1	20	ND(1)	ND(1)	ND(2)	9	41	Soil Gas
DSG-79	Bay G-6	6-7	333	ND(1)	5	ND(2)	10	34	Soil Gas
DSG-80	Bay J-2	0-1	ND(1)	ND(1)	ND(1)	ND(2)	25	ND(2)	Soil Gas
DSG-81	Bay J-2	3-4	4	ND(1)	6	ND(2)	11	ND(2)	Soil Gas
DSG-82	Bay J-2	5-7	14	ND(1)	17	ND(2)	21	ND(2)	Soil Gas
Blank-19	---	---	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	QC System Blank
DSG-83	Bay J-9	0-1	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-84	Bay J-9	3-4	8	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-85	Bay J-9	6-7	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-86	Bay G-8	0-1	33	ND(1)	7	12	19	62	Soil Gas
DSG-86D	Bay G-8	0-1	33	ND(1)	7	14	21	61	QC Duplicate (SG)
DSG-87	Bay G-8	3-4	1431	ND(1)	120	233	261	1104	Soil Gas
DSG-88	Bay G-8	6-7	578	ND(1)	67	134	162	571	Soil Gas
DSG-89	Bay I-9	0-1	3	ND(1)	ND(1)	ND(2)	8	ND(2)	Soil Gas
DSG-90	Bay I-9	3-4	9	ND(1)	ND(1)	6	50	ND(2)	Soil Gas
DSG-91	Bay I-9	6-7	230	ND(1)	6	9	261	22	Soil Gas
Blank-20	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
DSG-92	Bay G-9	0-1	9	ND(1)	ND(1)	26	19	12	Soil Gas
DSG-93	Bay G-9	3-4	4	ND(1)	ND(1)	10	15	17	Soil Gas
DSG-94	Bay G-9	6-7	291	ND(1)	7	33	25	108	Soil Gas
DSG-95	Bay H-13	0-1	76	ND(1)	6	1164	48	187	Soil Gas
DSG-95D	Bay H-13	0-1	75	ND(1)	6	1782	49	190	QC Duplicate (SG)

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
DSG-96	Bay H-13	3-4	11	14	ND(2)	83	ND(2)	11	Soil Gas
DSG-97	Bay H-13	6-7	34	ND(1)	ND(2)	698	38	59	Soil Gas
Blank-21	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-22	---	---	ND(1)	ND(1)	ND(1)	6	ND(2)	ND(2)	QC Rod Blank
DSG-98	Bay G-10	0-1	6	ND(1)	ND(1)	11	24	ND(2)	Soil Gas
DSG-99	Bay G-10	3-4	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-100	Bay G-10	6-7	49	ND(1)	ND(1)	30	ND(2)	9	Soil Gas
DSG-101	Bay K-1	0-1	ND(1)	ND(1)	11	8	83	ND(2)	Soil Gas
DSG-102	Bay K-1	3-4	ND(1)	ND(1)	64	10	206	ND(2)	Soil Gas
DSG-103	Bay K-1	6-7	6	ND(1)	145	13	323	ND(2)	Soil Gas
AMB	---	---	308	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Ambient Inside Building*
DSG-104	Bay G-12	0-1	93	ND(1)	ND(1)	367	12	10	Soil Gas
DSG-105	Bay G-12	3-4	152	ND(2)	ND(2)	1993	15	ND(2)	Soil Gas
DSG-106	Bay G-12	6-7	2108	ND(2)	13	2536	63	270	Soil Gas
DSG-106D	Bay G-12	6-7	2118	ND(2)	13	2538	63	266	QC Duplicate (SG)
Blank-23	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
DSG-107	Bay H-12B	0-1	3794	ND(1)	ND(1)	2968	34	157	Soil Gas
DSG-108	Bay H-12B	3-4	ND(1)	ND(1)	ND(1)	3380	31	93	Soil Gas
DSG-109	Bay H-12B	6-7	7388	ND(1)	ND(1)	3630	30	81	Soil Gas
DSG-110	Bay G-11	0-1	ND(1)	ND(1)	ND(1)	123	71	ND(2)	Soil Gas
DSG-111	Bay G-11	3-4	11	ND(1)	ND(1)	48	23	ND(2)	Soil Gas
DSG-112	Bay G-11	6-7	122	ND(1)	ND(1)	65	ND(2)	10	Soil Gas
DSG-113	Bay H-1	0-1	5	ND(1)	4	30	277	232	Soil Gas
DSG-114	Bay H-1	3-4	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-115	Bay H-1	6-7	ND(1)	ND(1)	6	15	30	82	Soil Gas
Blank-24A	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-24B	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-25	---	---	15	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-116	Bay I-1	0-1	5	ND(1)	32	7	126	15	Soil Gas
DSG-117	Bay I-1	3-4	ND(1)	ND(1)	82	ND(2)	190	13	Soil Gas
DSG-118	Bay I-1	6-7	ND(1)	ND(1)	82	ND(2)	166	ND(2)	Soil Gas

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
DSG-119	Bay H-11	0-1	16	ND(1)	5	767	23	38	Soil Gas
DSG-120	Bay H-11	3-4	11	ND(1)	ND(1)	413	31	19	Soil Gas
DSG-121	Bay H-11	6-7	12	ND(1)	4	295	104	19	Soil Gas
DSG-122	NE-24	9-10	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-123	NE-24	19-20	ND(1)	ND(1)	ND(1)	14	8	116	Soil Gas
Blank-26	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-27	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-28	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DGW-124	NE-24	24-25	ND(1)	ND(1)	ND(1)	55	19	278	Groundwater Headspace
DSG-125	SE-24	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-126	SE-24	19-20	ND(1)	ND(1)	ND(1)	9	ND(2)	ND(2)	Soil Gas
DGW-127	SE-24	24-25	ND(1)	ND(1)	ND(1)	7	ND(2)	ND(2)	Groundwater Headspace
DGW-127D	SE-24	24-25	ND(1)	ND(1)	ND(1)	7	ND(2)	ND(2)	QC Duplicate (GWHS)
Blank-29	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-30	---	---	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	QC System Blank
Blank-31	---	---	ND(1)	41	ND(1)	ND(1)	ND(1)	ND(2)	QC Rod Blank
Blank-32	---	---	36	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	QC Ambient Blank
DSG-128	Bay I-6	0-1	4542	ND(1)	328	249	971	6347	Soil Gas
DSG-129	Bay I-6	3-4	4412	ND(1)	384	310	780	5340	Soil Gas
DSG-130	Bay I-6	6-7	13240	ND(1)	774	779	639	4459	Soil Gas
DSG-131	Bay G-1	7.5-8.5	9	ND(1)	6	8	93	461	Soil Gas
DSG-132	Bay G-1	19-20	315	ND(1)	13	16	175	733	Soil Gas
DGW-133	Bay G-1	24-25	11	ND(1)	57	43	2002	199	Groundwater Headspace
DSG-134	Bay G-10	7.5-8.5	607	ND(1)	8	176	175	104	Soil Gas
DSG-135	Bay G-10	19-20	32623	ND(1)	167	739	460	1905	Soil Gas
DGW-136	Bay G-10	24-25	418	ND(1)	14	452	85	474	Groundwater Headspace
DGW-136D	Bay G-10	24-25	316	ND(1)	15	561	92	499	QC Duplicate (GWHS)
Blank-33	---	---	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	QC System Blank
Blank-34	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-35	---	---	77	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-137	Bay J-7	7.5-8.5	10280	ND(1)	136	797	1086	196	Soil Gas
Blank-36	---	---	198	147	49	64	51	27	Ambient Air

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
DSG-138	Bay J-7	19-20	25054	ND(1)	357	1000	1036	278	Soil Gas
DGW-139	Bay J-7	24-25	823	ND(1)	127	146	115	189	Groundwater Headspace
DSG-140	Bay J-3	0-1	185	ND(1)	21	ND(2)	40	ND(2)	Soil Gas
DSG-141	Bay J-3	3-4	3083	ND(1)	209	99	460	ND(2)	Soil Gas
DSG-142	Bay J-3	6-7	3214	ND(1)	234	123	614	10	Soil Gas
DSG-143	Bay J-4	0-1	7564	ND(1)	165	155	1092	36	Soil Gas
DSG-144	Bay J-4	3-4	10753	ND(1)	205	259	675	164	Soil Gas
DSG-145	Bay J-4	6-7	14520	ND(1)	212	348	781	174	Soil Gas
DSG-145D	Bay J-4	6-7	14479	ND(1)	213	351	788	178	QC Duplicate (SG)
Blank-37	---	---	14	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-38	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-39	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-146	Bay I-5	0-1	7540	ND(1)	247	195	573	4212	Soil Gas
DSG-147	Bay I-5	3-4	12445	ND(1)	341	297	772	5959	Soil Gas
DSG-148	Bay I-5	6-7	17329	ND(1)	310	322	734	4357	Soil Gas
DSG-149	Bay I-7	0-1	262	ND(1)	32	38	67	525	Soil Gas
DSG-150	Bay I-7	3-4	2658	ND(1)	49	254	55	202	Soil Gas
DSG-151	Bay I-7	6-7	3811	ND(1)	68	402	58	186	Soil Gas
DSG-152	Bay I-8	0-1	237	ND(1)	33	66	65	184	Soil Gas
DSG-153	Bay I-8	3-4	907	ND(1)	7	121	68	81	Soil Gas
DSG-154	Bay I-8	6-7	1580	ND(1)	8	159	84	63	Soil Gas
Blank-40	---	---	ND(1)	ND(2)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
VOC B-1	VOC Blower #3	---	ND(1)	ND(1)	ND(1)	ND(2)	10	ND(2)	Air Vent Sample
VOC B-2	VOC Blower #4	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Air Vent Sample
DSG-155	Bay J-6	0-1	18464	ND(1)	480	1527	4071	952	Soil Gas
DSG-156	Bay J-6	3-4	19391	ND(1)	338	1159	2873	776	Soil Gas
DSG-157	Bay J-6	6-7	20790	ND(1)	173	676	1439	556	Soil Gas
DSG-158	Bay J-8	0-1	174	ND(1)	15	84	153	38	Soil Gas
DSG-159	Bay J-8	3-4	349	ND(1)	33	642	172	33	Soil Gas
DSG-160	Bay J-8	6-7	551	ND(1)	44	700	195	31	Soil Gas
DSG-160D	Bay J-8	6-7	542	ND(1)	43	691	193	29	QC Duplicate (SG)

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
Blank-41	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Blank
Blank-42	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-43	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-161	LW-1	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-162	LW-1	20-21	6	ND(1)	ND(1)	ND(2)	10	ND(2)	Soil Gas
DGW-163	LW-1	24-25	ND(1)	ND(1)	ND(1)	ND(2)	7	ND(2)	Groundwater Headspace
DGW-164	LW-1	30-31	ND(1)	ND(1)	ND(1)	6	10	ND(2)	Groundwater Headspace (D)
DSG-165	LW-2	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-166	LW-2	20-21	7	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DGW-167	LW-2	24-25	ND(1)	ND(1)	5	13	ND(2)	ND(2)	Groundwater Headspace
DSG-168	LW-3	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-169	LW-3	20-21	ND(1)	ND(1)	19	ND(2)	21	ND(2)	Soil Gas
DGW-170	LW-3	24-25	ND(1)	10	251	ND(2)	155	ND(2)	Groundwater Headspace
DGW-170D	LW-3	24-25	ND(1)	3	269	ND(2)	159	ND(2)	QC Duplicate (GWHS)
Blank-44A	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Blank
DSG-171	LW-4	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-172	LW-4	20-21	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DGW-173	LW-4	24-25	ND(1)	ND(1)	27	11	86	ND(2)	Groundwater Headspace
DSG-174	VOC Blower #3	---	ND(1)	ND(1)	ND(1)	ND(2)	12	ND(2)	Soil Gas
DSG-175	VOC Blower #4	---	ND(1)	ND(1)	ND(1)	ND(2)	10	ND(2)	Soil Gas
Blank-45	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-46	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-47	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-176	MG-1	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-177	MG-1	20-21	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	12	Soil Gas
DGW-178	MG-1	24-25	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	118	Groundwater Headspace
DORF	TCA Tank	---	15	ND(1)	ND(1)	8184	11	19	Water from Catch Basin

Table 1 (Continued)

RECON[SM] SAMPLE ANALYSIS SUMMARY
DATA SUMMARY TABLE

DAYTON THERMAL PRODUCTS DIVISION
ACUSTAR, INC.
DAYTON, OHIO

Sample I.D.	Probe Hole Number	Depth (Feet)	1,1-DCE (ug/L)	trans-1,2-DCE (ug/L)	cis-1,2-DCE (ug/L)	1,1,1-TCA (ug/L)	TCE (ug/L)	PERC (ug/L)	Comments
DSG-179	LD-1	10-11	12	ND(1)	ND(1)	1775	22	292	Soil Gas
DSG-180	LD-1	20-21	30	ND(1)	10	9020	21	1150	Soil Gas
DGW-181	LD-1	24-25	ND(1)	ND(1)	ND(1)	261	ND(2)	68	Groundwater Headspace
DSG-182	NEL-2	10-11	ND(1)	ND(1)	ND(1)	9	ND(2)	14	Soil Gas
DSG-183	NEL-2	20-21	ND(1)	ND(1)	ND(1)	32	12	43	Soil Gas
DGW-184	NEL-2	24-25	ND(1)	ND(1)	ND(1)	38	9	59	Groundwater Headspace
DGW-184D	NEL-2	24-25	ND(1)	ND(1)	ND(1)	37	10	57	QC Duplicate (GWHS)
Blank-48	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Blank
Blank-49	---	---	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-50	---	---	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DSG-185	LD-2	10-11	26	ND(2)	7	4463	56	786	Soil Gas
DGW-186	LD-2	24-25	270	ND(2)	13	33786	118	1149	Groundwater Headspace
DSG-187	MG-2	10-11	ND(2)	ND(2)	ND(2)	9	ND(2)	ND(2)	Soil Gas
DSG-188	MG-2	20-21	ND(2)	ND(2)	ND(2)	12	ND(2)	11	Soil Gas
DGW-189	MG-2	24-25	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	Groundwater Headspace
DGW-190	PH-07D	24-25	ND(2)	ND(2)	24	16	22	26	Groundwater Headspace
DGW-190D	PH-07D	24-25	ND(2)	ND(2)	31	20	26	29	QC Duplicate (GWHS)
Blank-51	---	---	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-52	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC System Blank
Blank-53	---	---	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Rod Blank
DGW-191	PL-24	24-25	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Groundwater Headspace
DGW-191D	PL-24	24-25	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	QC Duplicate (GWHS)
DGW-192	PL-24	30-31	ND(1)	ND(1)	62	ND(2)	1349	ND(2)	Groundwater Headspace (D)
Blank-54	---	---	ND(1)	ND(1)	ND(1)	ND(2)	20	ND(2)	QC System Blank
DGW-193	WW-1	10-11	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DSG-194	WW-1	20-21	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Soil Gas
DGW-195	WW-1	24-25	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	Groundwater Headspace

D - Groundwater sample collected at 30 to 31 feet below the surface.
GWHS - Groundwater headspace analysis.
ND - Not Detected above 1 or 2 parts per billion background.
QC - Quality control.
SG - Soil gas analysis.
ug/L - microgram/Liter.

Table 2

ANLYTICAL RESULTS - VOC ANALYSES
GROUNDWATER SAMPLES COLLECTED USING RECON[SM]

ACUSTAR, INC.
DAYTON THERMAL PRODUCTS, INC.

Location	Chloroform	1,1-DCA	1,2-DCA	1,1-DCE	t-1,2-DCE	Tetrachloroethene	1,1,1-TCA	1,1,2-TCA	TCE	Xylenes
WW-1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
PL-24	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	11	ND<5
PL-24 (2)	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
PH-03	5.4	400	42.7	42.8	700	12.9	500	17.9	900	ND<5
PH-04A	ND<5	400	6.8	19	600	ND<5	500	9.6	800	ND<5
PH-04B	ND<5	300	13	18.9	600	6.9	500	8.6	700	ND<5
PH-06	7.3	65	ND<5	ND<5	200	21	400	14	400	ND<5
PH-7D	ND<5	8.3	ND<5	ND<5	ND<5	390	160	ND<5	430	ND<5
GW-1W	ND<5	5.8	ND<5	ND<5	ND<5	200	75	ND<5	700	ND<5
GW-10W	5.9	89	ND<5	ND<5	ND<5	220	270	ND<5	130	ND<5
J-724	ND<25	180	ND<25	ND<25	ND<25	68	120	ND<25	122	ND<25
NE-24	ND<5	ND<5	ND<5	ND<5	ND<5	200	100	ND<5	55	ND<5
NEL-2	ND<5	ND<5	ND<5	ND<5	ND<5	190	63	ND<5	59	ND<5
SE-24	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	21	5	15	ND<5
MG-1	ND<5	ND<5	ND<5	ND<5	ND<5	310	ND<5	ND<5	ND<5	ND<5
MG-2	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
LD-2	ND<5	2,500	280	360	ND<5	470	1,200	9.6	140	ND<5
LW-124	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	28	ND<5	180	ND<5
LW-130	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	31	ND<5	150	ND<5
LW-224	8.2	130	ND<5	ND<5	ND<5	7.8	45	ND<5	29	6.7
LW-324	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	400	ND<5
LW-330	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	2,000	ND<5
LW-424	ND<5	33	ND<5	15	13	ND<5	130	12	800	ND<5

1,1-DCA - 1,1-dichloroethane.
1,2-DCA - 1,2-dichloroethane.
1,1-DCE - 1,1-dichloroethene.
1,2-DCE - 1,2-dichloroethene.
t-1,2-DCE - trans-1,2-dichloroethene.
1,1,1-TCA - 1,1,1-trichloroethane.

APPENDIX C

Environmental Audit Data Base Review for
Zip Code Areas 45404 and 45414
Dayton, Ohio

THE FED REPORT

REPORT PROPERTY ADDRESS:

DAYTON
1600 WEBSTER STREET
DAYTON, OH 45404
County: MONTGOMERY

	Section
SUMMARY	I
FEDERAL REPORTS	
NPL	II.1
FINDS	II.2
CERCLIS	II.3
RCRA FACILITIES	II.4
OPEN DUMP	II.5
EMERGENCY RESPONSE NOTIFICATION SYSTEM.	II.6
MISIDENTIFIED RECORDS SEARCH	III

NOTE: The entries in this Appendix are numbered as they appear on Plate 1.

THE FED REPORT

I. SUMMARY

This Report is a compilation of federal environmental data which identifies environmental problem sites and activities from the records of the United States Environmental Protection Agency (US EPA). The data contained in this Report is the result of a search by EAI's Environmental Data Systems of the following US EPA records:

1. National Priorities List (NPL)
2. Facility Index System (FINDS)
3. Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
4. Resource Conservation and Recovery Act (RCRA) Notification System
5. Solid Waste Facilities Not In Compliance with RCRA Subtitle D Criteria (OPEN DUMP SITES)
6. Emergency Response Notification System (ERNS)

A search of these databases identified: 0 NPL sites, 145 FINDS sites, 8 CERCLIS sites, 141 RCRA facilities, 1 OPEN DUMP Sites, and 8 ERNS sites.

The records of each of the foregoing sites and operators are contained in Section II of this report. The listed Sites are located within the zip code area or city stated at the beginning of each report sub-section. Section III contains 1 misidentified records of sites which appear to be located on or near the subject property.

NPL DATABASE

II. REGULATORY INFORMATION
1. US EPA NPL DATABASE
DAYTON
1600 WEBSTER STREET
DAYTON, OH 45404
County: MONTGOMERY

The National Priorities (Superfund) List (NPL) is EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program. A site, to be included on the NPL, must either meet or surpass a predetermined hazard ranking systems score, or be chosen as a state's top-priority site, or meet all three of the following criteria: (1) the US Department of Health and Human Services issues a health advisory recommending that people be removed from the site to avoid exposure; (2) EPA determines that the site represents a significant threat; and (3) EPA determines that remedial action is more cost-effective than removal action.

A search of the 1991 National Priorities List revealed the following Superfund sites located within the stated zip code areas:
45404, 45414

0 Sites found for the area specified.

FINDS DATABASE

II. REGULATORY INFORMATION
2. US EPA FINDS DATABASE
DAYTON
1600 WEBSTER STREET
DAYTON, OH 45404
County: MONTGOMERY

The Facility Index System (FINDS) is a compilation of any property or site which the EPA has investigated, reviewed or been made aware of in connection with its various regulatory programs. Each record indicates the EPA Program Office that may have files on the site or facility.

A search of the 1991 FINDS Database revealed the following sites located within the stated zip code areas:
45404, 45414

FINDS Sites

65. FACILITY ADDRESS — EPA ID#

ENVIRONMENTAL PROCESSING SERVI — OHD000608588
416 LEO STREET
DAYTON, OH 45404
Region: 05
Latitude: 394655 Longitude: 0841127
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000608588
Superfund - Hazardous Waste-Superfund
Program ID # : OHD000608588

---

66. SHELL OIL CO DAYTON PLT — OHD000609156
801 BRANDT PIKE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000609156
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000140
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-79-0067

---

67. SUNOCO SERVICE STATION — OHD000671818
1448 TROY ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000

FACILITY ADDRESS EPA ID#

SUNOCO SERVICE STATION (CONT'D)

EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000671818

---

68. SUNOCO SERVICE STATION OHD000682823
201 VALLEY ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000682823

---

69. SUNOCO SERVICE STATION OHD000682963
7186 MILLER LANE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000682963

---

70. OHIO BELL TEL CO SUPPLY WAREHO OHD000720417
2024 VALLEY ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000720417

---

71. SCOTT EDWIN D BROKER OHD000721027
1820 VALLEY STREET
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000721027

FACILITY ADDRESS — EPA ID#

72. BENDER AND LOUDON MOTOR FREIGH — OHD000772822
1795 STANLEY AVE BLDG 7
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000772822

---

73. GMC DELCO PRODUCTS DIV DAYTON — OHD000817585
1619 KUNTZ ROAD
DAYTON, OH 45404
Region: 05
Latitude: 394726 Longitude: 0841023
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000817585
Permit Compliance System, Office of Water Enforcement and Permits
Program ID # : S114 AD
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000147

---

74. SUNMARK PETROLEUM MARKETING TE — OHD001722263
1708 FARR DR
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD001722263
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-00-0399

---

75. DAYTON ELECTRONIC PRODUCTS — OHD004241220
117 E HELENA ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004241220

FACILITY ADDRESS — EPA ID#

76. DURIRON CO INC THE FOUNDRY & P — OHD004241550
425 N FINDLAY ST
DAYTON, OH 45404
Region: 05
Latitude: 394604 Longitude: 0840903
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004241550
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000112

---

77. AMCA INTERNATIONAL CORP — OHD004243648
1752 STANLEY AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004243648

o

---

78. AMERICAN LUBRICANTS CO — OHD004244547
1227 DEEDS AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004244547
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : 050710H01
Chemicals in Commerce Information System, Office of Toxic Substances
Program ID # : OH0002723

---

79. W & W MOLDED PLASTICS INC — OHD004245098
1441 MILBURN AVENUE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004245098

FACILITY ADDRESS — EPA ID#

80. ELECTRO-POLISH CO INC — OHD004264198
332 VERMONT AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004264198

---

81. PAINT AMERICA CO — OHD004275772
1501 WEBSTER ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004275772

---

82. KIMES ROBERT H INC — OHD004277240
2030 WEBSTER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004277240

---

83. ESTEE MOLD & DIE INC — OHD004277679
1467 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004277679

---

84. GAYSTON CORPORATION — OHD004278156
55 JANNEY ROAD
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004278156

FACILITY ADDRESS — EPA ID#

85. HOHMAN PLATING & MFG CO — OHD004278362
814 HILLROSE AVE
DAYTON, OH 45404
Region: 05
Latitude: 394700 Longitude: 0841036
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004278362
Compliance Data System, Office of Air and Radiation
Program ID # : 0857040217

---

86. HOLLANDER INDUSTRIES CORP — OHD004278438
219 KELLY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004278438

---

87. NEFF FOLDING BOX CO — OHD004278446
2001 KUNTZ RD
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004278446

---

88. DAYTON RUST PROOF COMPANY — OHD004278628
1030 VALLEY ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004278628

---

89. BRINKMAN TOOL & DIE INC — OHD004279659
325 KISER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004279659

FACILITY ADDRESS — EPA ID#

90. AGA GAS INC — OHD004279774
1223 MC COOK AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004279774

---

91. GEM CITY CHEMICALS INC — OHD004472940
1287 AIR CITY AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004472940
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : 072960H01

---

92. ARAB TERMITE & PEST CONTROL IN — OHD017944711
801 LEO ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : 091700H01

---

93. PAULS GARAGE INC — OHD041060385
2941 VALLEY ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD041060385

---

94. LABINAL COMPONENTS GLOBE MOTOR — OHD041066325
1784 STANLEY AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):

FACILITY ADDRESS — EPA ID#

LABINAL COMPONENTS GLOBE MOTOR (CONT'D)

Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD041066325

---

95. DAYTON CASTING COMPANY — OHD056488786
300 KISSER STREET (KISER STREET)
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000104

---

96. DUFF TRUCK LINE INC — OHD060913597
1744 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD060913597

---

97. BRAINERD MFG CO INDUSTRIES DIV — OHD068953645
1723 WEBSTER
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD068953645

---

98. ROBERTS CONSOLIDATED INDUSTRIE — OHD071288039
220 JANNEY RD
DAYTON, OH 45404
Region: 05
Latitude: 394723 Longitude: 0841040
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD071288039

	FACILITY ADDRESS	EPA ID#

99. LESTON CORPORATION — OHD072864390
2017 VALLEY STREET
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD072864390

---

100. ANGELL MANUFACTURING CO INC — OHD072873664
1516-20 STANLEY AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD072873664

---

101. ARATEX SERVICES INC — OHD072876279
1200 WEBSTER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD072876279

---

102. ORBIT MOVERS — OHD074690769
969 DEEDS AVE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000

---

103. COASTAL TANK LINES INC — OHD083371591
2160 JERGENS RD
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD083371591

FACILITY ADDRESS — EPA ID#

104. ADVANCED ASSEMBLY AUTOMATION — OHD084755206
314 LEO ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD084755206

---

105. DIAL MACHINE SERVICE CO INC — OHD093906055
131 KISER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD093906055

---

106. SOHIO DAYTON TERMINAL 620 — OHD095194684
621 BRANDT PIKE
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD095194684
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000141
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-79-0022

---

107. GEM CITY SPECIAL MACHINE BUILD — OHD095201513
1425 N KEOWEE ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD095201513

---

108. SPECIALTY SHEET METAL INC — OHD097918395
821 HALL AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD097918395

FACILITY ADDRESS — EPA ID#

109. GEM CITY STAMPING INC — OHD097922520
1546 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD097922520

---

110. AMCAST INDUSTRIAL CORP GHR DIV — OHD099020133
400 DETRICKS ST
DAYTON, OH 45404
Region: 05
Latitude: 384630 Longitude: 0841025
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD099020133
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000019
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-00-0246

---

111. DAYTON PARTS CO NAPA — OHD103556080
221 LEO ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD103556080

---

112. PENSKE TRUCK LEASING CO — OHD107623761
1922 LINDORPH DR
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD107623761

---

113. PEPSI-COLA OF DAYTON — OHD123387748
526 MILBURN AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD123387748

FACILITY ADDRESS — EPA ID#

114. LANDMARK INC — OHD980280101
1800 TROY ST
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-00-0303

---

115. DAYTON TERMINAL — OHD980486633
1700 FARR DR
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : 008620H01

---

* SENECA CHIEF INC — OHD980611826
403 HOWARD
FINLEY, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Superfund - Hazardous Waste-Superfund
Program ID # : OHD980611826
* Facility does not appear to be within the area of interest.

---

117. NORTH SAN LDFL INC — OHD980611875
200 E VALLEYCREST DR
DAYTON, OH 45404
Region: 05
Latitude: 394718 Longitude: 0840905
EPA Responsible Office(s):
Superfund - Hazardous Waste-Superfund
Program ID # : OHD980611875

---

118. AGA BURDOX INC ACETALINE PLT — OHD980793715
1727 FARR DR
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Chemicals in Commerce Information System, Office of Toxic Substances

FACILITY ADDRESS — EPA ID#

AGA BURDOX INC ACETALINE PLT (CONT'D)

Program ID # : OH0047425

---

119. DAYTON CITY OF — OHD981796964
520 KISER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD981796964

---

120. TAIT INC — OHD981955776
500 WEBSTER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD981955776

---

121. ORBIT MOVERS — OHD982606220
1101 NEGGLEY PLACE AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD982606220
* The street address provided appears to be outside the zip codes of interest.

---

122. PENSKE TRUCK LEASING CO LP — OHD982611592
1601 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD982611592

---

123. DAYTON PWR & LIGHT N DAYTON — OHD982617003
1317 TROY ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)

FACILITY ADDRESS — EPA ID#

DAYTON PWR & LIGHT N DAYTON (CONT'D)

Program ID # : OHD982617003
Office of Toxic Substances (PADS)
Program ID # : OHD982617003

---

* DAYTON WIRE CO — OHD982619959
7 DAYTON WIRE PKWY
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD982619959
* Not able to locate facility using available information.

---

125. SELLS MIKE — OHD986966489
33 LEO ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Superfund - Hazardous Waste-Superfund
Program ID # : OHD986966489

---

126. DAYTON TRANE — OHD986967966
1441 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986967966

---

127. PRECISION METAL FABRICATION — OHD986968865
191 HEID AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986968865

---

128. COLUMBIA GAS TRANS-AVONDALE — OHD986975712
WANETA AVE S OF HALDEMAN AVE
DAYTON, OH 45404
Region: 05

FACILITY ADDRESS — EPA ID#

COLUMBIA GAS TRANS-AVONDALE (CONT'D)

EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986975712

---

129. GLOBE MOTORS DIV OF LCS INC — OHD986979136
1944 TROY ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986979136

---

130. GLOBE MOTORS DIV OF LCS INC — OHD986979144
2275 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986979144

---

131. UNO VEN COMPANY — OHT400010740
1796 FARR DR
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHT400010740
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000111
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-79-0014
Permit Compliance System, Office of Water Enforcement and Permits

---

132. CCC HIGHWAY INC — OHT400011193
1464 KUNTZ ROAD
DAYTON, OH 45404
Region: 05
Latitude: 394730 Longitude: 0841000
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHT400011193

FACILITY ADDRESS	EPA ID#

133. DAYTON MACHINE TOOL CO — OHD004277802
1314 WEBSTER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004277802

---

134. DAYTON CLUTCH AND JOINT INC — OHD007862485
2005 TROY ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD007862485

---

135. WISE GARAGE INC — OHD007868748
1845 TROY ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD007868748

---

136. SHEFFIELD MACHINE TOOL CO — OHD012183539
1506 MILBURN AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD012183539

---

137. NILO CO — OHD054439781
115 VALLEYCREST DR
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD054439781

FACILITY ADDRESS — EPA ID#

138. DJINNII INDUSTRIES — OHD061709127
302 VERMONT AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD061709127

---

139. CHILDRENS MEDICAL CTR — OHD071289326
1 CHILDRENS PLAZA
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD071289326

---

140. ENTEC CORP — OHD161890967
239 E HELENA ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD161890967

---

* APS MATERIALS INC — OHD982066300
153 WALBROOK AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD982066300

* Facility does not appear to be within the area of interest.

---

142. DIGITRON DAYTON — OHD982643793
500 WEBSTER ST
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD982643793

FINDS Sites

FACILITY ADDRESS	EPA ID#

143. AIR CITY MODELS AND TOOLS INC — OHD986972123
80 COMMERCE PARK DR
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986972123

---

144. WATKINS MOTOR LINES INC — OHD986979979
1799 STANLEY AVE
DAYTON, OH 45404
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986979979

---

9. SUNOCO SERVICE STATION — OHD000671719
2001 NEEDMORE RD
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000671719

---

10. MEAD IMAGE CENTER — OHD000809947
3908 IMAGE DRIVE
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD000809947

---

11. RIECK MECHANICAL SERVICES INC — OHD003861168
5245 WADSWORTH RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD003861168

FINDS Sites

	FACILITY ADDRESS	EPA ID#
1.	HARRIS GRAPHICS CORP BUS FORMS 4900 WEBSTER ST DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD004202917	OHD004202917
124.	B-N PLATING 613 DANIEL ST DAYTON, OH 45414 Region: 05 Latitude: 395048 Longitude: 0841242 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD004243457	OHD004243457
2.	TECH DEVELOPMENT INC 6800 POE AVE DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD004244851 Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances Program ID # : OHD004244851 Permit Compliance System, Office of Water Enforcement and Permits Compliance Data System, Office of Air and Radiation	OHD004244851
3.	CHEMINEER INC 5870 POE AVE DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD004262465	OHD004262465
4.	S & G PLATERS INC 2640 KEENAN AVE DAYTON, OH 45414 Region: 05 Latitude: 395048 Longitude: 0841242 EPA Responsible Office(s):	OHD004272035

FACILITY ADDRESS — EPA ID#

S & G PLATERS INC (CONT'D)

Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004272035

---

12. SCHRIBER INDUSTIRES — OHD004273181
4620 WEBSTER ST
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Compliance Data System, Office of Air and Radiation
Program ID # : 36450080001

---

13. OMEGA TOOL & DIE CO — OHD004277398
6192 N WEBSTER ST
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004277398

---

14. AMERICAN CARCO CORP — OHD004277687
2800 ONTARIO AVE
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004277687

---

15. YODER INDUSTRIES INC — OHD004277901
2520 NEEDMORE RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004277901

FACILITY ADDRESS — EPA ID#

PROTECTIVE TREATMENTS INC (CONT'D)

5. PROTECTIVE TREATMENTS INC — OHD004279204
3345 STOP EIGHT ROAD
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004279204
Compliance Data System, Office of Air and Radiation
Program ID # : 36450080096

---

6. INDUSTRIAL ELECTRIC MOTORS INC — OHD004474524
5131 WEBSTER ST
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004474524

---

16. INDUSTRIAL WASTE DISPOSAL CO — OHD004774345
3975 WAGONER FORD RD
DAYTON, OH 45414
Region: 05
Latitude: 394854 Longitude: 0841012
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004774345
Superfund - Hazardous Waste-Superfund
Program ID # : OHD004774345

---

7. MUSICKS BODY SHOP INC — OHD041598046
3055 STOP EIGHT RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD041598046

---

8. ERNST ENTERPRISES INC — OHD044497691
3361 SUCCESSFUL WAY
DAYTON, OH 45414
Region: 05

FACILITY ADDRESS EPA ID#

ERNST ENTERPRISES INC (CONT'D)

EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD044497691
Compliance Data System, Office of Air and Radiation
Program ID # : 36426090003
Permit Compliance System, Office of Water Enforcement and Permits

---

17. ERNST ENTERPRISES INC OHD044505915
4970 WAGONER FORD RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD044505915

---

18. GMC DELCO MORAINE DIV DAYTON N OHD045557766
3100 NEEDMORE ROAD
DAYTON, OH 45414
Region: 05
Latitude: 394900 Longitude: 0841020
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD045557766
Permit Compliance System, Office of Water Enforcement and Permits
Program ID # : N196*BD
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000102
Office of Toxic Substances (PADS)
Program ID # : OHD045557766

---

19. PERFECT-A-TEC CORP OHD054433818
6222 WEBSTER ST
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD054433818

---

20. INTEGRITY MFG CORP OHD056487374
3723 INPARK CIRCLE
DAYTON, OH 45414
Region: 05

FACILITY ADDRESS EPA ID#

INTEGRITY MFG CORP (CONT'D)

Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD056487374

---

21. MIAMI VALLEY INTERNATIONAL TRU OHD056541055
7655 POE AVE
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD056541055

---

22. CARGILL INC OHD061698676
3201 NEEDMORE RD
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD061698676
Compliance Data System, Office of Air and Radiation
Program ID # : 36450090131
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : OHD061698676
Chemicals in Commerce Information System, Office of Toxic Substances
Program ID # : OH007537Y
Permit Compliance System, Office of Water Enforcement and Permits
Superfund - Hazardous Waste-Superfund

---

23. MCNULTY MOTOR INC OHD063990089
7030 POE AVE
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD063990089

FACILITY ADDRESS — EPA ID#

MOORE MK & SONS CO (CONT'D)

24. MOORE MK & SONS CO — OHD063999577
5150 WAGONER FORD RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-86-0391

---

25. SHERWIN-WILLIAMS CO WHSE — OHD071272512
3671 DAYTON PARK RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Superfund - Hazardous Waste-Superfund
Program ID # : OHD071272512

---

26. MILES LABORATORIES INC — OHD074694746
5600 BRENTLINGER DR
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD074694746
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000208

---

27. MAACO AUTO PAINTING & BODYWORK — OHD074704404
3474 NEEDMORE
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD074704404

---

28. MANFREDI MOTOR TRANSIT COMPANY — OHD077758936
5560 BRENTLINGER DR
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)

FACILITY ADDRESS EPA ID#

MANFREDI MOTOR TRANSIT COMPANY (CONT'D)

Program ID # : OHD077758936

---

29. MONTGOMERY COUNTY INCIN NORTH OHD081594293
6589 N WEBSTER ST
DAYTON, OH 45414
Region: 05
Latitude: 394710 Longitude: 0841049
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD081594293
Compliance Data System, Office of Air and Radiation
Program ID # : 36450000077
Superfund - Hazardous Waste-Superfund
Program ID # : OHD081594293
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-78-0064

---

30. AMERICAN HONDA MOTOR CO INC PC OHD083365411
6400 SAND LAKE RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD083365411

---

31. NEEDMORE SERVICE CTR OHD083366120
2206 NEEDMORE RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD083366120

---

32. NORTHRIDGE LOCAL SCHOOL DIST OHD084750165
2011 TIMBERLANDS ST
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : OHD084750165

FACILITY ADDRESS — EPA ID#

33. EASTERN TANK LINES INC — OHD093901890
5536 BRENTLINGER DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD093901890

---

34. LYTTON INC — OHD095203451
3970 IMAGE DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD095203451

---

35. AMERICAN BODY SHOP — OHD121994834
2507 ASHCRAFT RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD121994834

---

36. AGA GAS INC — OHD123277741
3800 DAYTON PARK DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD123277741

---

37. METOKOTE CORP PLT 6 — OHD150672509
3435 STOP EIGHT RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD150672509

FACILITY ADDRESS — EPA ID#

38. ALLOYD ASBESTOS ABATEMENT CO — OHD150672749
5734 WEBSTER ST
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD150672749
Office of Enforcement and Compliance Monitoring (DOCKET)
Program ID # : 05-90-E005
Permit Compliance System, Office of Water Enforcement and Permits

---

39. SHELL SERVICE STATION — OHD980702336
2450 NEEDMORE
DAYTON, OH 45414
Region: 05
Latitude: 395048 Longitude: 0841242
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD980702336

---

40. DARLENES ONE HOUR CLEANERS — OHD981198930
5901 N DIXIE DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD981198930

---

41. DEMOLITION LDFL — OHD981528839
WAGNER FORD RD AT WEBSTER RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Pesticides and TSCA Enforcement System, Office of Pesticides and Toxic Substances
Program ID # : OHD981528839

---

42. AMERICAN HONDA MOTOR CO INC RE — OHD981794902
3920 SPACE DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD981794902

FINDS Sites

FACILITY ADDRESS	EPA ID#

43. VENTURE MFG — OHD982625261
3949 DAYTON PARK DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD982625261

---

44. VENTURE MFG CO — OHD986967925
3616 DAYTON PARK DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986967925

---

45. COLUMBIA GAS TRANS-NORTH DIXIE — OHD986975753
N DIXIE RD 0.2 MI S STOP EIGHT
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986975753

---

46. DURIRON CO INC MODERN IND PLAS — OHD004241436
3337 N DIXIE DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004241436

---

47. MILLAT INDUSTRIES CORP — OHD004242657
4534 WADSWORTH RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004242657

FACILITY ADDRESS	EPA ID#

48. WALL COLMONOY — OHD004243689
5251 WEBSTER ST
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004243689

---

49. MAZER CORP — OHD004473708
2501 NEFF RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004473708

---

50. CROSSROADS TOOL AND MFG CO — OHD004482071
2787 ARMSTRONG LN
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD004482071

---

51. OLD COLONY ENVELOPE CO — OHD041229964
5621 N WEBSTER ST
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD041229964

---

52. GARNER BROS INC — OHD056602329
3361 NEEDMORE RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD056602329

FACILITY ADDRESS — EPA ID#

53. ELDRIDGE BODY SHOP INC — OHD079445094
4625 N DIXIE DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD079445094

---

54. OMEGA AUTOMATION INC — OHD108564949
2850 NEEDMORE RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD108564949

---

55. ENCON INC — OHD122526023
6161 VENTNOR AVE
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD122526023

---

56. DAYTON DIESEL INJECTION — OHD125494112
3341 N DIXIE DR
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD125494112

---

57. MICAFIL INC — OHD139252266
2608 AND 2609 NORDIC RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD139252266

FINDS Sites

	FACILITY ADDRESS	EPA ID#
58.	BROWNING BODY AND FRAME 9001 DIXIE DR DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD170253868	OHD170253868
59.	LORD CORP 4644 WADSWORTH RD DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD981793698	OHD981793698
60.	BROADWAY COMPANIES 6344 WEBSTER ST DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD981797673	OHD981797673
61.	FINDLEY ADHESIVES INC 4710 WADSWORTH RD DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD982206484	OHD982206484
62.	ALAN LAF INC 4530 WADSWORTH AVE DAYTON, OH 45414 Region: 05 EPA Responsible Office(s): Hazardous Waste Data Management System, Office of Solid Waste(RCRA) Program ID # : OHD986975035	OHD986975035

FACILITY ADDRESS — EPA ID#

63. EXECUTIVE MOLD CORP — OHD986982841
2781 THUNDERHAWK CT
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986982841

---

64. NORTHRIDGE BODY SHOP AND DETAI — OHD986984276
5910 MILO RD
DAYTON, OH 45414
Region: 05
EPA Responsible Office(s):
Hazardous Waste Data Management System, Office of Solid Waste(RCRA)
Program ID # : OHD986984276

---

145 Sites found for the area specified.

CERCLIS Database

II. REGULATORY INFORMATION
3. US EPA CERCLIS DATABASE
DAYTON
1600 WEBSTER STREET
DAYTON, OH 45404
County: MONTGOMERY

The CERCLIS List is a compilation by EPA of the sites which EPA has investigated or is currently investigating for a release or threatened release of hazardous substances Pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Superfund Act).

A search of the 1991 CERCLIS Database revealed the following sites within the stated zip code areas:
45404, 45414

CERCLIS Sites

FACILITY ADDRESS	EPA ID#

157. ENVIRONMENTAL PROCESSING SERVICES — OHD000608588
416 LEO ST
DAYTON, OH 45404
County: MONTGOMERY

Facility Type:	Status Undetermined
Ownership Indicator:	Unknown
Classification:	No Determination
Entry Source:	EPA Files
Status:	Has never been on the proposed final NPL
Proposed NPL Update #:	00
Latitude:	3947300
Longitude:	08410000
Event Discovery:	EPA, Fund Financed Actual Completion Date: 01/15/88
Preliminary Assessment:	EPA, Fund Financed Actual Completion Date: 01/09/89

NFA. At the conclusion of a preliminary assessment, no further action is anticipated for this site or no hazard was identified.

---

159. MIKE SELLS — OHD986966489
33 LED STREET (333 LEO STREET)
DAYTON, OH 45404
County: MONTGOMERY

Facility Type:	Status Undetermined
Classification:	No Determination
Status:	Has never been on the proposed final NPL
Latitude:	3947300
Longitude:	08410000
Event Discovery:	State, Fund Financed

FACILITY ADDRESS — EPA ID#

MIKE SELLS (CONT'D)

	Actual Completion Date: 04/20/88
Preliminary Assessment:	State, Fund Financed
	Actual Completion Date: 12/14/90

---

117. NORTH SAN LDFL INC — OHD980611875
200 E VALLEYCREST DR
DAYTON, OH 45404
County: MONTGOMERY

Facility Type:	Not A Federal Facility
Ownership Indicator:	Other
Classification:	No Determination
Entry Source:	Notis
Status:	Has never been on the proposed final NPL
Latitude:	3947300
Longitude:	08410000
Event Discovery:	EPA, Fund Financed
	Actual Completion Date: 06/01/81
Listing Site Inspection:	State, Fund Financed
Preliminary Assessment:	EPA, Fund Financed
	Actual Completion Date: 06/28/85
Screening Site Inspection:	State, Fund Financed

---

* SENECA CHIEF INC — OHD980611826
403 HOWARD
FINLEY, OH 45404
County: MONTGOMERY

Facility Type:	Not A Federal Facility
Ownership Indicator:	Other
Classification:	No Determination
Entry Source:	Notis
Status:	Has never been on the proposed final NPL
Proposed NPL Update #:	00
Latitude:	3947300
Longitude:	08410000
Event Discovery:	EPA, Fund Financed
	Actual Completion Date: 06/01/81
Preliminary Assessment:	State, Fund Financed
	Actual Completion Date: 09/25/85
Preliminary Assessment:	State, Fund Financed
	Actual Completion Date: 02/07/90

NFA. At the conclusion of a preliminary assessment, no further action is anticipated for this site or no hazard was identified.

* Facility does not appear to be within the area of interest.

FACILITY ADDRESS — EPA ID#

16. IWD LIQUID WASTE — OHD004774345
3975 WAGONER FORD RD
DAYTON, OH 45414
County: MONTGOMERY

Facility Type:	Not A Federal Facility
Ownership Indicator:	Other
Classification:	No Determination
Entry Source:	Notis
Status:	Has never been on the proposed final NPL
Incident Type:	Non-Oil Spill
Proposed NPL Update #:	00
Latitude:	3950480
Longitude:	08412420
Event Discovery:	EPA, Fund Financed Actual Completion Date: 04/01/79
Preliminary Assessment:	State, Fund Financed Actual Completion Date: 12/01/83

NFA. At the conclusion of a preliminary assessment, no further action is anticipated for this site or no hazard was identified.

---

* KILGA ENTERPRISES — OHD980899942
5874 GERMANTOWN PIKE
DAYTON, OH 45414
County: MONTGOMERY

Facility Type:	Status Undetermined
Classification:	No Determination
Entry Source:	EPA Files
Status:	Has never been on the proposed final NPL
Latitude:	3950480
Longitude:	08412420
Event Discovery:	Federal Enforcement Actual Completion Date: 12/04/87
Preliminary Assessment:	State, Fund Financed Actual Completion Date: 11/07/90

* The street address provided appears to be outside the zip codes of interest.

---

158. MONTGOMERY CO N INCINERATOR — OHD081594293
6589 N WEBSTER ST
DAYTON, OH 45414
County: MONTGOMERY

Facility Type:	Not A Federal Facility
Ownership Indicator:	Other
Classification:	No Determination
Entry Source:	HWDMS
Status:	Has never been on the proposed final NPL
Latitude:	3950480
Longitude:	08412420
Event Discovery:	EPA, Fund Financed

FACILITY ADDRESS — EPA ID#

MONTGOMERY CO N INCINERATOR (CONT'D)

	Actual Completion Date: 08/01/80
Preliminary Assessment:	State, Fund Financed
	Actual Completion Date: 12/11/86
Screening Site Inspection:	EPA, Fund Financed
	Actual Completion Date: 06/30/87

---

25. SHERWIN WILLIAMS WAREHOUSE — OHD071272512
3671 DAYTON PARK DRIVE
DAYTON, OH 45414
County: MONTGOMERY

Facility Type:	Status Undetermined
Classification:	No Determination
Status:	Has never been on the proposed final NPL
Latitude:	3950480
Longitude:	08412420
Event Discovery:	State, Fund Financed
	Actual Completion Date: 04/20/88

---

8 Sites found for the area specified.

II. REGULATORY INFORMATION
4. US EPA RCRA DATABASE
DAYTON
1600 WEBSTER STREET
DAYTON, OH 45404
County: MONTGOMERY

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by EPA of reporting facilities that generate, store, transport, treat or dispose of hazardous waste.

A search of the 1991 RCRA Database revealed the following facilities located within the stated zip code area(s):
45404, 45414

RCRA Sites

	FACILITY ADDRESS	EPA ID#
104.	ADVANCED ASSEMBLY AUTOMATION 314 LEO ST DAYTON, OH 45404 County: MONTGOMERY	OHD084755206

Closed non-TSD facility

90.	AGA GAS INC 1223 MCCOOK AVE DAYTON, OH 45404 County: MONTGOMERY	OHD004279774

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

143.	AIR CITY MODELS AND TOOLS INC 80 COMMERCE PARK DR DAYTON, OH 45404 County: MONTGOMERY	OHD986972123

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

FACILITY ADDRESS — EPA ID#

77. AMCA INTERNATIONAL CORP — OHD004243648
1752 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

---

78. AMERICAN LUBRICANTS CO — OHD004244547
1227 DEEDS AVE
DAYTON, OH 45404
County: MONTGOMERY

---

100. ANGELL MANUFACTURING CO INC — OHD072873664
1516-20 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

* APS MATERIALS INC — OHD982066300
153 WALBROOK AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

* The street address provided appears to be outside the zip codes of interest.

---

101. ARATEX SERVICES — OHD072876279
1200 WEBSTER ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

FACILITY ADDRESS — EPA ID#

72. BENDER AND LOUDON MOTOR FREIGHT INC — OHD000772822
1795 STANLEY AVE BLDG 7
DAYTON, OH 45404
County: MONTGOMERY

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

RCRA Permit Status: Protective/Precautionary Filer

A protective filer and precautionary filer who has been notified by EPA or the authorized state that its withdrawal has been approved.

---

77. BRAINERD MFG CO INDUSTRIES DIV — OHD068953645
1723 WEBSTER
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

89. BRINKMAN TOOL AND DIE INC — OHD004279659
325 KISER ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates less than 100 kg/mo of non-acutely hazardous waste.

---

132. CCC HIGHWAY INC — OHT400011193
1464 KUNTZ ROAD
DAYTON, OH 45404
County: MONTGOMERY

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

FACILITY ADDRESS — EPA ID#

139. CHILDRENS MEDICAL CTR — OHD071289326
1 CHILDRENS PLAZA
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

103. COASTAL TANK LINES INC — OHD083371591
2160 JERGENS RD
DAYTON, OH 45404
County: MONTGOMERY

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

---

128. COLUMBIA GAS TRANS AVONDALE — OHD986975712
WANETA AVE S OF HALDEMAN AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

150. CORDAGE PACKAGING — OHD004479291
66 JANNEY RD
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

119. DAYTON CITY OF — OHD981796964
520 KISER ST
DAYTON, OH 45404
County: MONTGOMERY

FACILITY ADDRESS EPA ID#

DAYTON CITY OF (CONT'D)

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

134. DAYTON CLUTCH AND JOINT INC OHD007862485
2005 TROY ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

75. DAYTON ELECTRONIC PRODUCTS OHD004241220
117 E HELENA ST
DAYTON, OH 45404
County: MONTGOMERY

Non-handler (I.E. other than RCRA regulated waste handler)

---

133. DAYTON MACHINE TOOL CO OHD004277802
1314 WEBSTER ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

111. DAYTON PARTS CO NAPA OHD103556080
221 LEO ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates less than 100 kg/mo of non-acutely hazardous waste.

FACILITY ADDRESS — EPA ID#

123. DAYTON PWR AND LIGHT N DAYTON SVC CTR — OHD982617003
1317 TROY ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

88. DAYTON RUST PROOF COMPANY — OHD004278628
1030 VALLEY ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

126. DAYTON TRANE — OHD986967966
1441 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates less than 100 kg/mo of non-acutely hazardous waste.

---

151. DAYTON WATER SYSTEMS — OHD061614673
1288 MCCOOK AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

124. DAYTON WIRE CO — OHD982619959
7 DAYTON WIRE PKWY
DAYTON, OH 45404
County: MONTGOMERY

FACILITY ADDRESS EPA ID#

DAYTON WIRE CO (CONT'D)

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

105. DIAL MACHINE SERVICE CO INC OHD093906055
131 KISER ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

142. DIGITRON DAYTON OHD982643793
500 WEBSTER ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

138. DJINNII INDUSTRIES OHD061709127
302 VERMONT AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

76. DURIRON CO INC THE FOUNDRY & PUMP DIV OHD004241550
425 N FINDLAY ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

FACILITY ADDRESS EPA ID#

DURIRON CO INC THE FOUNDRY & PUMP DIV (CONT'D)

Existing Facility (In operation on or before 11/19/80)

This facility is engaged in the treatment, storage, and/or the disposal of hazardous waste.

TSD Facility Type: Land Disposal

A facility with land disposal units that are in operation, in post-closure care, closing prior to the certification, or new prior to permitting.

RCRA Permit Status: Permit Withdrawal Candidate

A facility which will not seek an operating permit for any units, This facility was previously covered by RCRA (or was thought to be covered by RCRA) and is now awaiting a decision on a status change request which may have been initiated by either the facility or the regulating authority.

---

80. ELECTRO-POLISH CO INC OHD004264198
332 VERMONT AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

140. ENTEC CORP OHD161890967
239 E HELENA ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

65. ENVIRONMENTAL PROCESSING SERVICES OHD000608588
416 LEO STREET
DAYTON, OH 45404
County: MONTGOMERY

FACILITY ADDRESS EPA ID#

ENVIRONMENTAL PROCESSING SERVICES (CONT'D)

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

Existing Facility (In operation on or before 11/19/80)

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

This facility is engaged in the treatment, storage, and/or the disposal of hazardous waste.

TSD Facility Type: Storage/Treatment

A facility with storage and treatment units that are new operating or closing but not yet certified. The facility does not currently have incinerator units and does not have and did not have in the past any land disposal units.

RCRA Permit Status: Operating Facility/ Permit Candidate

An operating (not closed) treatment, storage, or disposal facility not belonging in other categories. Authority to operate may be statutory interim status or may have been granted through an interim status compliance letter or compliance order, (ISCL or ISCO) or other enforcement action. Facility may also have some units that are closed or permitted.

---

83. ESTEE MOLD AND DIE INC OHD004277679
1467 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates less than 100 kg/mo of non-acutely hazardous waste.

---

84. GAYSTON CORPORATION OHD004278156
55 JANNEY ROAD
DAYTON, OH 45404
County: MONTGOMERY

Closed non-TSD facility

FACILITY ADDRESS — EPA ID#

91. GEM CITY CHEMICALS INC — OHD004472940
1287 AIR CITY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

---

107. GEM CITY SPECIAL MACHINE BLDER — OHD095201513
1425 N KEOWEE ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

109. GEM CITY STAMPINGS INC — OHD097922520
1546 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

130. GLOBE MOTORS DIV OF LCS INC — OHD986979144
2275 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

129. GLOBE MOTORS DIV OF LCS INC — OHD986979136
1944 TROY ST
DAYTON, OH 45404
County: MONTGOMERY

GLOBE MOTORS DIV OF LCS INC (CONT'D)

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

73. GMC DELCO PRODUCTS DIV DAYTON PLANT OHD000817585
1619 KUNTZ ROAD
DAYTON, OH 45404
County: MONTGOMERY
SIC Code: 3621 3714

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

Closed Facility (Previously had interim status or an EPA Permit, but no longer has either.)

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

RCRA Permit Status: Closure Certified

A facility which has completed closure through 40 CFR 264 or 40 CFR 265 for all units, and such closure has been certified by the owner and by a professional engineer.

This category also includes storage facilities where EPA or the authorized state has confirmed the reversion to storage for less than ninety days per 40 CFR 262. The regulating agency has not taken deliberate action to terminate the facility's interim status as a result of LOIS non-certification.

---

85. HOHMAN PLATING & MFG CO OHD004278362
814 HILLROSE AVE
DAYTON, OH 45404
County: MONTGOMERY
SIC Code: 3471

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

Existing Facility (In operation on or before 11/19/80)

FACILITY ADDRESS EPA ID#

HOHMAN PLATING & MFG CO (CONT'D)

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

RCRA Permit Status: Protective/Precautionary Filer

A protective filer and precautionary filer who has been notified by EPA or the authorized state that its withdrawal has been approved.

---

86. HOLLANDER INDUSTRIES CORP OHD004278438
219 KELLY AVE
DAYTON, OH 45404
County: MONTGOMERY

Non-handler (I.E. other than RCRA regulated waste handler)

---

110. JOHN PAUL ENTERPRISES INC OHD099020133
400 DETRICKS ST
DAYTON, OH 45404
County: MONTGOMERY
SIC Code: 3321

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

Closed Facility (Previously had interim status or an EPA Permit, but no longer has either.)

RCRA Permit Status: Closure Certified

A facility which has completed closure through 40 CFR 264 or 40 CFR 265 for all units, and such closure has been certified by the owner and by a professional engineer.

This category also includes storage facilities where EPA or the authorized state has confirmed the reversion to storage for less than ninety days per 40 CFR 262. The regulating agency has not taken deliberate action to terminate the facility's interim status as a result of LOIS non-certification.

FACILITY ADDRESS — EPA ID#

82. KIMES ROBERT H INC — OHD004277240
2030 WEBSTER ST
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

94. LABINAL COMPONENTS GLOBE MOTORS DIV — OHD041066325
1784 STANLEY AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 1000 kg/mo of non-acutely hazardous waste or 1 kg/mo of acutely hazardous waste.

---

99. LESTON CORPORATION — OHD072864390
2017 VALLEY STREET
DAYTON, OH 45404
County: MONTGOMERY

This facility is engaged in the off-site transportation of hazardous waste by air, rail, road (highway), and/or water.

---

87. NEFF FOLDING BOX CO — OHD004278446
2001 KUNTZ RD
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

137. NILO CO — OHD054439781
115 VALLEYCREST DR
DAYTON, OH 45404
County: MONTGOMERY

FACILITY ADDRESS — EPA ID#

NILO CO (CONT'D)

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

70. OHIO BELL-SUPPLY WAREHOUSE — OHD000720417
2024 VALLEY STREET
DAYTON, OH 45404
County: MONTGOMERY

Non-handler (I.E. other than RCRA regulated waste handler)

---

152. OHIO DEPT OF TRANSP — OHD982205445
4397 PAYNE AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

---

* ORBIT MOVERS — OHD982606220
1101 NEGGLEY PLACE AVE
DAYTON, OH 45404
County: MONTGOMERY

This facility generates at least 100 kg/mo, but less than 1000 kg/mo of non-acutely hazardous waste.

* The street address provided appears to be outside the zip codes of interest.

---

81. PAINT AMERICA CO — OHD004275772
1501 WEBSTER ST
DAYTON, OH 45404
County: MONTGOMERY

Non-handler (I.E. other than RCRA regulated waste handler)

THE STATE REPORT

REPORT PROPERTY ADDRESS:

DAYTON
1600 WEBSTER STREET
DAYTON, OHIO 45404
County: MONTGOMERY

TABLE OF CONTENTS

I. STATE DATABASE INFORMATION

1. State Priority List

I. STATE DATABASE INFORMATION
DAYTON
1600 WEBSTER STREET
DAYTON, OHIO 45404
County: MONTGOMERY
I. State Priority List

The Ohio Environmental Protection Agency, Corrective Actions Section compiles a master list of identified sites or sources of environmental problems. A review of the Unregulated Sites Master List revealed the following facilities located within the 45404 and 45414 zip code areas, Montgomery County, Ohio.

	EPA ID # / OHIO EPA ID #	FACILITY NAME/LOCATION
65.	OHD000608588 557-1081	Environmental Processing Services 416 Leo St. Dayton, OH 45404 Montgomery County
159.	OHD986966489 557-1002	Mike Sells 333 Leo Street Dayton, OH 45404 Montgomery County
9.	OHD081594293 557-0540	Montgomery Co Incinerator - North Plt. 6589 Webster St Dayton, OH 45414 Montgomery County
117.	OHD980611875 557-0583	North San Ldfl Inc 200 E Valleycrest Dr Dayton, OH 45404 Montgomery County
25.	OHD071272512 557-1000	Sherwin Williams Warehouse 3671 Dayton Park Dr Dayton, OH 45414 Montgomery County

I. STATE DATABASE INFORMATION
DAYTON
1600 WEBSTER STREET
DAYTON, OHIO 45404
County: MONTGOMERY
I. State Priority List

	EPA ID # / OHIO EPA ID #	FACILITY NAME/LOCATION
16.	OHD004774345 557-0423	IWD Liquid Waste, Inc. 3975 Wagoner Ford Rd. Dayton, OH 45414 Montgomery County
*	OHD98089942 557-0977	Kilga Enterprises 5874 Germantown Pike Dayton, OH 45414 Montgomery County

* Facility does not appear to be within the area of interest.

7 Sites found for the area specified.

0 Possibly Misidentified Sites found for the area specified.